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Low-Voltage Power Distribution and Electrical Installation Technology

Molded Case Circuit Breakers

Catalog Extract LV 10

Edition 04/2019

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Low-Voltage Power Distribution and Electrical Installation Technology LV 10
SENTRON • SIVACON • ALPHA
Protection, Switching, Measuring and Monitoring Devices, Switchboards and Distribution Systems

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Low-Voltage Power Distribution and Electrical Installation Technology

Protection, Switching, Measuring and Monitoring Devices, Switchboards and Distribution Systems

SENTRON · SIVACON · ALPHA



Catalog LV 10 · 04/2019

You can find the updated catalog valid from October 2019 in the Siemens Industry Online Support under www.siemens.com/lowvoltage/catalogs

Supersedes:
Catalog LV 10 · 10/2018

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The products in this catalog can also be found in the Interactive Catalog CA 01:
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The products and systems listed in this catalog are developed and manufactured using a certified quality management system in accordance with EN ISO 9001:2008.

Protection, Switching, Measuring and Monitoring Devices

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Opening Information

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Ordering special versions

When ordering products that differ from the standard versions listed in the catalog, **"–Z"** must be added to the Article No. indicated and the required features must be specified using alphanumeric order codes or plain text.

Ordering very small quantities

When very small orders are placed, the costs associated with order processing are greater than the order value. We therefore recommend that you combine several small orders. Where this is not possible, we regret that we are obliged to make a small processing charge: for orders with a net goods value of less than € 250 we charge a € 20 supplement to cover our order processing and invoicing costs.

Explanations of Selection and ordering data

Standard delivery time (SD)

► Preferred type — Preferred types are device types that can be delivered immediately ex works, i.e. they are dispatched within 24 hours.

Price units (PU)

The price unit defines the number of units, sets or meters to which the specified price applies.

Packaging size (PS)

The packaging size defines the number of units, sets or meters, for example, for outer packaging.

Only the quantity defined by the packaging size or a multiple thereof can be ordered.

Price group (PG)

Each product is allocated to a price group.

Example

5TT3400

SD: Preferred type
PG: 13C
Ordering quantity 1 unit or a multiple thereof

8US1923-5CA02

PG: 14O
Ordering quantity 10 units or a multiple thereof

8WH9000-1GA00

PG: 12X
Ordering quantity 50 units or a multiple thereof

SD d	Article No.	Price per PU	PU (UNIT, SET, M)	PS*	PG
►	**5TT3400**		1	1 unit	1BK
	8US1923-5CA02		1	10 units	1CU
	8WH9000-1GA00		100	50 units	1BT

Note:

The article numbers shown here and the specifications regarding selection and ordering data are examples only. When ordering, always use the selection and ordering data in the product chapters.

Metal surcharges/export markings

To compensate fluctuating prices of raw materials (for example silver, copper, aluminum, lead, gold, dysprosium and neodymium), surcharges are calculated on a daily basis for products containing these raw materials using the metal factor.
A surcharge for the particular raw material is added to the price of a product if the basic quotations for this raw material are exceeded.

Each product's metal factor dictates for which raw materials the metal surcharges are calculated, from which quotation and with which calculation method (weight or percentage method).

An exact explanation of the metal factor can be found at:
www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf

A product's export markings/metal surcharges are updated daily at www.siemens.com/industrymall.

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Ch. 12 **4NC current transformers**

Ch. 8 **3KC ATC6300 and ATC3100 transfer control devices**

Ch. 13 **Residual current devices (MRCD)**

For further technical product information:

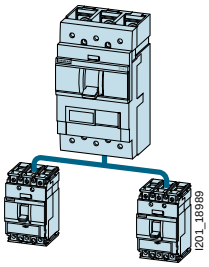
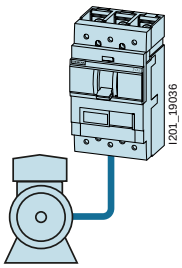
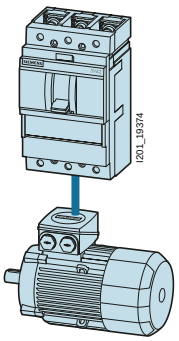
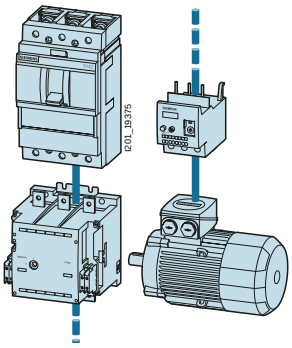
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→ Entry type:
Application example
Certificate
Characteristic
Download
FAQ
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Product note
Software archive
Technical data

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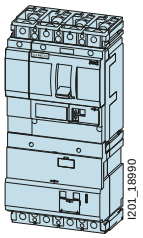
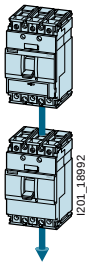
General data

Overview

Application	Page	3VA1	3VA2	Description	Standards
Line protection					
	2/20 ... 2/43 2/48 ... 2/77	✓	✓	The trip units for line protection are designed to provide ovherload and short-circuit protection for: • Cables • Leads • Non-motor loads	IEC / EN 60947-1, IEC / EN 60947-2
Generator protection					
	2/54 ... 2/61 2/70 ... 2/77	--	✓	The setting values of the trip units are matched to protecting generators.	IEC / EN 60947-1, IEC / EN 60947-2
Motor protection					
	2/80 ... 2/83	--	✓	The overload and short-circuit releases are designed for optimized protection and direct-on-line starting of induction squirrel-cage motors. The molded case circuit breakers for motor protection have phase-failure sensitivity and a thermal image that protects the motor against overheating. The adjustable time lag class enables users to adjust the overload release to the startup conditions of the motor to be protected. Are you IE3/IE4 ready?	IEC / EN 60947-1, IEC / EN 60947-2, IEC / EN 60947-4-1 IE3 ready
Protection for starter combinations (starter protection)					
	2/44 ... 2/45 2/80 ... 2/81	✓	✓	Starter combinations consist of: Molded case circuit breaker + contactor + overload relay. The molded case circuit breaker handles short-circuit protection and the isolating function. The task of the contactor is the operational switching of the feeder. The overload relay handles overload protection that can be specially matched to the motor. The molded case circuit breaker for the starter combination is therefore equipped with an adjustable and instantaneous short-circuit release. Are you IE3/IE4 ready?	IEC / EN 60947-1, IEC / EN 60947-2, IEC / EN 60947-4-1 IE3 ready

Minimum order quantity (PS) or a multiple thereof can be ordered.

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Application	Page	3VA1	3VA2	Description	Standards
Residual current device					
	2/127 ... 2/130	✓	✓	Residual current protective devices afford fault protection (formerly referred to as: Protection in case of indirect contact) and supplementary protection (formerly referred to as: Protection in case of direct contact) in low-voltage systems in the event of the basic insulation failing or live parts being touched. Their task is to prevent or reduce injury to personnel or livestock, or damage to property.	IEC / EN 60947-2 (Annexes B, M)
Switch disconnectors					
	2/46	✓	--	Switch disconnectors are deployed: • As main disconnecting means • For on/off switching • For disconnection of loads • As switch disconnectors without overload and short-circuit protection The switch disconnectors comply with IEC / EN 60947-3.	IEC / EN 60947-1, IEC / EN 60947-3

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Overview

Devices		Page	Application/ individual components	Standards	Used in		
					Non-residential buildings	Residential buildings	Industry
	Note: The 3VL molded case circuit breakers up to 1600 A, IEC are currently still available, but in the foreseeable future they will no longer be able to be ordered.						
	**3VL molded case circuit breakers for line protection** **3VL molded case circuit breakers for generator protection**	2/222 ... 2/237, 2/246 ... 2/263	The overload and short-circuit releases are designed for the protection of cables, leads and non-motor loads. The overload and short-circuit releases can be used for optimized protection of generators.	IEC 60947-1, EN 60947-1, IEC 60947-2, EN 60947-2.	✓	✓	✓
	**3VL molded case circuit breakers for motor protection** Are you IE3/IE4 ready?	2/238 ... 2/241	Circuit breakers for motor protection are specifically designed for the characteristic curve of the motor, and have additional functions such as phase failure detection and adjustable trip class.	IEC 60947-1, EN 60947-1, IEC 60947-2, EN 60947-2. IE3 ready	✓	✓	✓
	**3VL molded case circuit breakers for starter protection** Are you IE3/IE4 ready?	2/242, 2/243	Starter combinations consist of: motor starter protector + contactor + overload relay. The motor starter protector provides short-circuit protection and the isolating function. The task of the contactor is the operational switching of the feeder. The overload relay provides overload protection, which is specifically designed for the motor.	IEC 60947-1, EN 60947-1, IEC 60947-2, EN 60947-2. IE3 ready	✓	✓	✓
	**3VL non-automatic circuit breakers, molded case**	2/242, 2/243, 2/264, 2/265	These circuit breakers are used as feeder circuit breakers, main control switches or disconnectors without overload protection. They have fixed short-circuit releases.	IEC 60947-1, EN 60947-1, IEC 60947-2, EN 60947-2. Isolating features according to IEC 60947-2, EN 60947-2.	✓	✓	✓
	**Auxiliary switches and auxiliary releases for 3VL molded case circuit breakers**	2/271, 2/272	Auxiliary switches, alarm switches, undervoltage releases and shunt releases	As for circuit breakers	✓	✓	✓
	**Operating mechanisms**	2/274 ... 2/281	The manual operating mechanisms are available in two versions: • Front-operated rotary operating mechanism, • Door-coupling rotary operating mechanism In the case of the motorized operating mechanisms there are also two versions: • MO for standard applications • SEO for network synchronization tasks	As for circuit breakers	✓	✓	✓
	**Plug-in versions/ withdrawable versions**	2/282 ... 2/287	Assembly in plug-in and withdrawable versions allows the 3VL molded case circuit breaker to be replaced quickly without accessing the terminals.	As for circuit breakers	✓	✓	✓

Minimum order quantity (PS) or a multiple thereof can be ordered.

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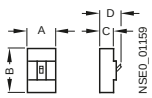
Devices		Page	Application/ individual components	Standards	Used in		
					Non-residential buildings	Residential buildings	Industry
	**RCD modules**	2/288	Protection of plant and personnel against damage or injury caused by residual currents and insulation faults.	IEC EN 60947-2 (Annex 5)	✓	✓	✓
	**Residual current devices (MRCD)**	Ch. 13	Modular residual current devices (MRCD) monitor residual currents in electrical systems and trip the molded case circuit breaker via an auxiliary release after an adjustable advance warning if the residual current exceeds a defined value.	IEC EN 60947-2 (Annex M)	✓	✓	✓
	**Connection parts for fixed-mounted circuit breakers**	2/289 ... 2/294	Front connecting bars, rear terminals, box terminals, circular conductor terminals, multiple feed-in terminals, auxiliary conductor terminals, terminal plates, connections with screw terminals, terminal covers for circuit breakers, phase barriers for circuit breakers	As for circuit breakers	✓	✓	✓
	**Interlocks**	2/295 ... 2/300	Locking devices for toggle levers, rear interlocking modules, interlocking modules for Bowden cable interlocking	As for circuit breakers	✓	✓	✓
 	**3KC ATC6300 and ATC3100 transfer control devices**	Ch. 8	The 3KC ATC6300 and ATC3100 transfer control devices, equipped with two circuit breakers with motorized operating mechanism, serve as a transfer system that automatically or manually switches between two power supply systems in low-voltage power distribution applications.	IEC 60947-6-1 DIN VDE 0660-114 UL 508 CSA 22.2 No. 14	✓	✓	✓
	**40 mm busbar systems and 60 mm busbar systems**	Ch. 11	Busbar adapters	As for circuit breakers	✓	✓	✓
	**Accessories for communication**	2/303	Data transmission through COM20, COM21: COM20 (PROFIBUS) for Electronic Trip Units with communication function, COM21 (MODBUS) for Electronic Trip Units with communication function, powerconfig commissioning and service software	As for circuit breakers	✓	✓	✓
	Further accessories	2/304 ... 2/307	Cover frames for door cut-outs, to increase degree of protection	As for circuit breakers	✓	✓	✓

Minimum order quantity (PS) or a multiple thereof can be ordered.

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Type			VL160X/3VL1		VL160/3VL2		VL250/3VL3		VL400/3VL4	
Molded case circuit breakers										
3VL molded case circuit breakers up to 1600 A										
Rated current I_n at 50 °C ambient temperature		A	16 ... 160		50 ... 160		200 ... 250		200 ... 400	
Number of poles			3	4	3	4	3	4	3	4
Rated operational voltage U_e										
50/60 Hz AC		V	690	690	690	690	690	690	690	690
DC[1]		V	500	500[2]	600	600	600	600[2]	600	600[2]
Trip units										
Thermal-magnetic			✓	✓	✓	✓	✓	✓	✓	✓
Electronic LCD ETU/ETU			--	--	✓	✓	✓	✓	✓	✓
PROFIBUS module COM20			--	--	✓	✓	✓	✓	✓	✓
Dimensions										
	A	mm	105	139	105	139	105	139	139	183
	B	mm	157	157	175	175	175	175	279	279
	C	mm	81	81	81	81	81	81	102	102
	D	mm	107	107	107	107	107	107	138	138
Breaking capacity I_{cu}/I_{cs} RMS value acc. to IEC 60947-2										
Standard breaking capacity N[3]	(N)									
Up to 240 V AC		kA	65/65		65/65		65/65		65/65	
Up to 415 V AC		kA	55/55		55/55		55/55		55/55	
Up to 440 V AC		kA	25/20		25/20		25/20		35/26	
Up to 500/525 V AC		kA	18/14		25/20		25/20		25/20	
Up to 690 V AC		kA	8/4[4]		12/6		12/6		15/8	
Up to 250 V DC[5]		kA	30/30		32/32		32/32		32/32	
Up to 500 V DC[5]		kA	--		--		--		--	
Up to 600 V DC[5]		kA	--		--		--		--	
NEMA breaking capacity[6]										
Up to 480 V AC		kA	25		25		25		35	
Up to 600 V AC		kA	8[4]		12		12		20	
High breaking capacity H[3]	(H)									
Up to 240 V AC		kA	100/75		100/75		100/75		100/75	
Up to 415 V AC		kA	70/70		70/70		70/70		70/70	
Up to 440 V AC		kA	42/32		50/38		50/38		50/38	
Up to 500/525 V AC		kA	30/23		40/30		40/30		40/30	
Up to 690 V AC		kA	12/6[4]		12/6		12/6		15/8	
Up to 250 V DC[5]		kA	30/30		32/32		32/32		32/32	
Up to 500 V DC[5]		kA	30/30		32/32		32/32		32/32	
Up to 600 V DC[5]		kA	--		--		--		--	
NEMA breaking capacity[6]										
Up to 480 V AC		kA	42		50		50		50	
Up to 600 V AC		kA	12[4]		12		12		20	
Very high breaking capacity L[3]	(L)									
Up to 240 V AC		kA	--		200/150		200/150		200/150	
Up to 415 V AC		kA	--		100/75		100/75		100/75	
Up to 440 V AC		kA	--		75/50		75/50		75/50	
Up to 500/525 V AC		kA	--		50/38		50/38		50/38	
Up to 690 V AC		kA	--		12/6		12/6		15/8	
Up to 250 V DC[5]		kA	--		32/32		32/32		32/32	
Up to 500 V DC[5]		kA	--		32/32		32/32		32/32	
Up to 600 V DC[5]		kA	--		32/32		32/32		32/32	
NEMA breaking capacity[6]										
Up to 480 V AC		kA	--		75		75		75	
Up to 600 V AC		kA	--		12		12		20	

✓ Available
-- Not available

For 3VL molded case circuit breakers according to UL 489, see Catalog LV 18 or Catalog LV 16.

[1] Rated DC voltage applies only for circuit breakers with thermal-magnetic trip unit.

[2] For PV applications up to U_e = 1000 V DC.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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VL630/3VL5



VL800/3VL6



VL1250/3VL7



VL1600/3VL8

3VL molded case circuit breakers up to 1600 A

315 ... 630		800		1000 ... 1250		1600	
3	4	3	4	3	4	3	4
690 600	690 600	690 --	690 --	690 --	690 --	690 --	690 --
✓ ✓ ✓	✓ ✓ ✓	-- ✓ ✓	-- ✓ ✓	-- ✓ ✓	-- ✓ ✓	-- ✓ ✓	-- ✓ ✓
190 279 102 138	253 279 102 138	190 406 114 151	253 406 114 151	229 406 152 207	305 406 152 207	229 406 152 207	305 406 152 207
65/65 55/55 35/26 25/20 20/10		65/65 55/55 35/26 25/20 20/10		65/35 55/28 35/26 25/20 20/10		65/35 55/28 35/26 25/20 20/10	
32/32 -- --		-- -- --		-- -- --		-- -- --	
25 20		25 20		25 20		25 20	
100/75 70/70 50/38 40/30 20/10		100/75 70/70 50/38 40/30 20/10		100/50 70/35 50/38 40/30 30/15		100/50 70/35 50/38 40/30 30/15	
32/32 32/32 --		-- -- --		-- -- --		-- -- --	
50 30		50 30		50 30		50 30	
200/150 100/75 75/50 50/38 20/10		200/150 100/75 75/50 50/38 20/10		200/100 100/50 75/50 50/38 35/17		200/100 100/50 75/50 50/38 35/17	
32/32 32/32 32/32		-- -- --		-- -- --		-- -- --	
65 35		65 35		65 35		65 35	

[3] At 240 V AC, 415 V AC, 525 V AC and 690 V AC max. 5% overvoltage, at 440 V AC and 500 V AC max. 10% overvoltage, at 250/500/600 V DC max. 5% overvoltage.

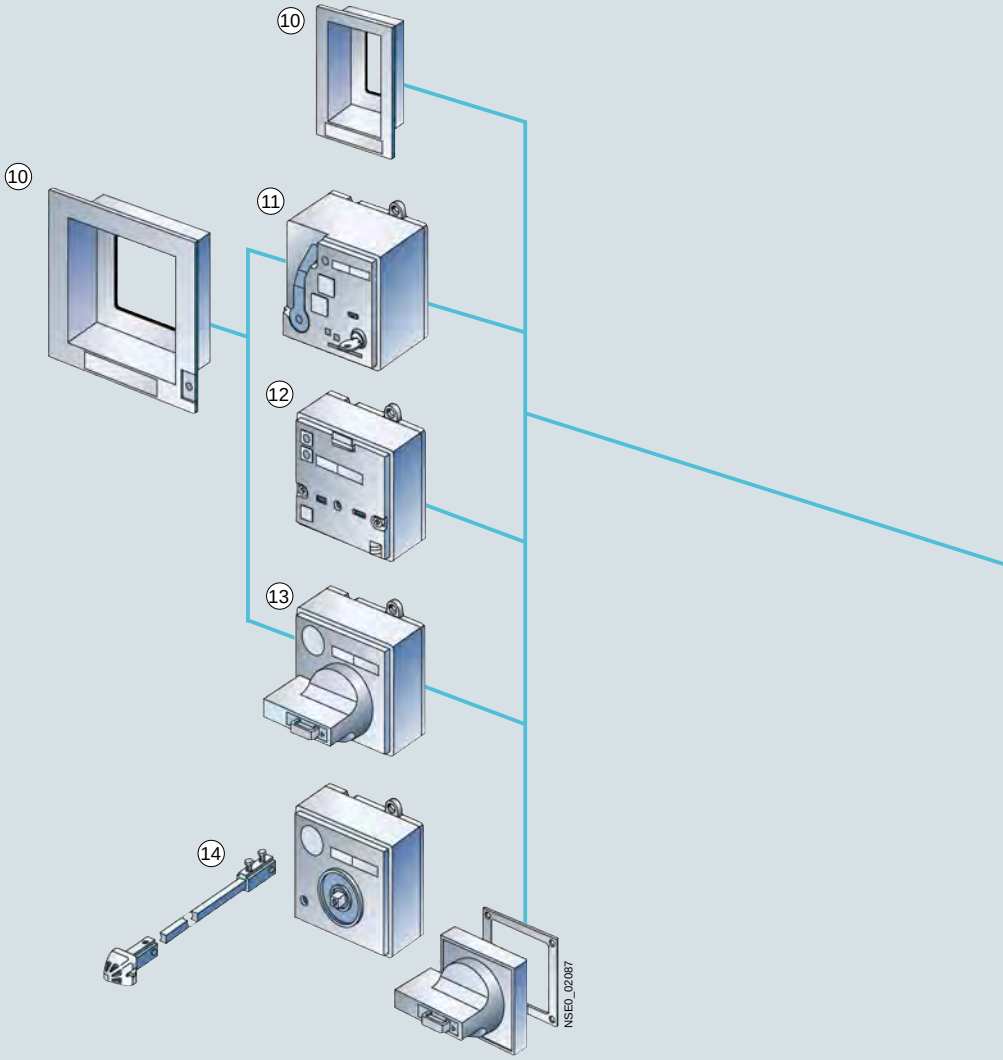
[4] Rated current $I_n \geq 25$ A.

[5] The maximum permitted DC voltage for each conducting path needs to be taken into account for DC switching applications; see Technical Information at www.siemens.com/lowvoltage/product-support; time constant $t = 15$ ms.

[6] The NEMA breaking capacity can be found on the rating plate of each IEC circuit breaker.

Minimum order quantity (PS) or a multiple thereof can be ordered.

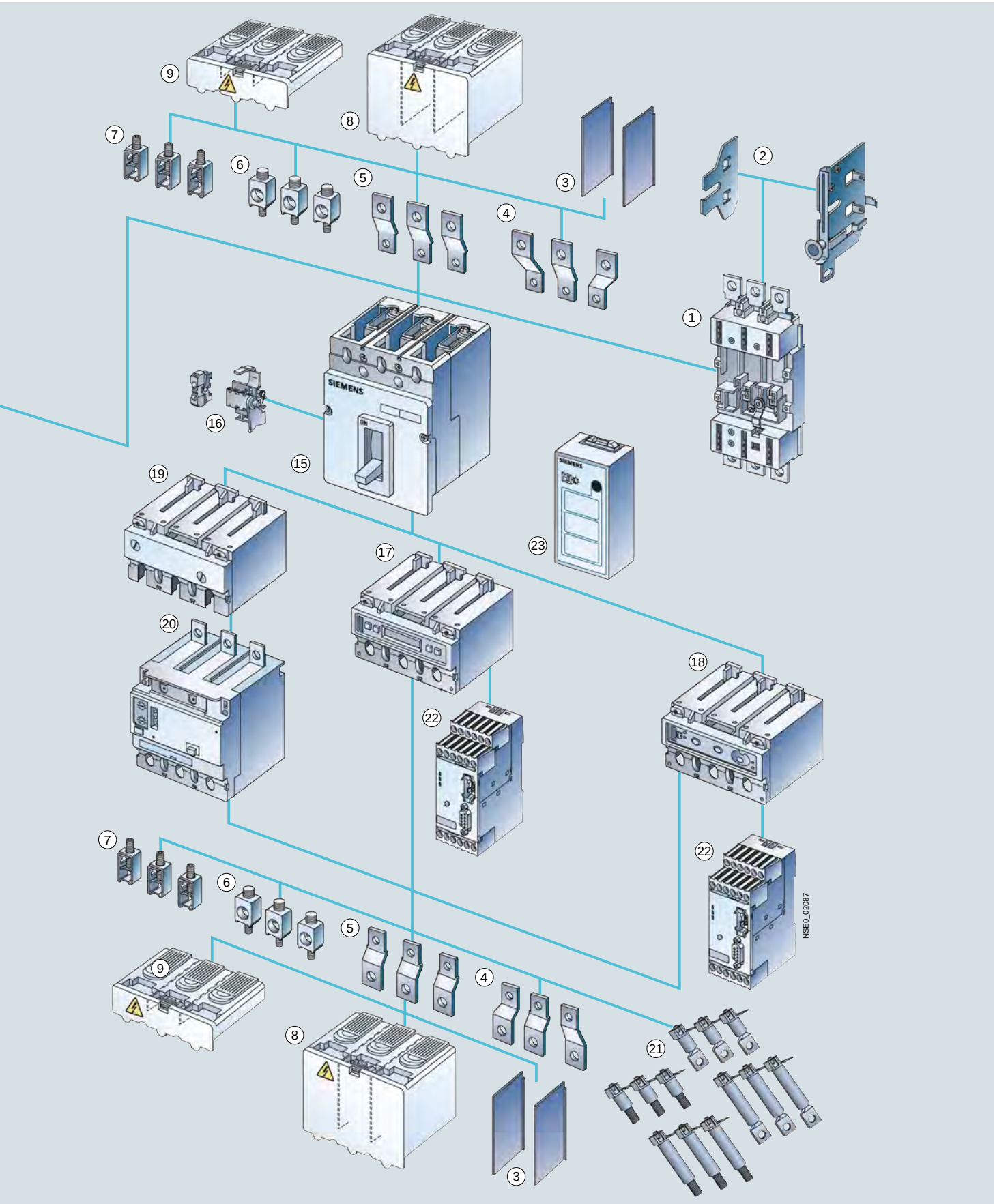
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① Withdrawable/plug-in bases (pages 2/282 to 2/287)
② Side walls of withdrawable unit (pages 2/282 to 2/287)
③ Phase barriers (pages 2/289 to 2/294)
④ Front connecting bars for increased pole spacing (pages 2/289 to 2/294)
⑤ Straight connecting bars (pages 2/289 to 2/294)
⑥ Circular conductor terminals for Al/Cu (pages 2/289 to 2/291)
⑦ Box terminals for Cu (pages 2/289 to 2/294)
⑧ Extended connection covers (terminal covers) (pages 2/289 to 2/294)
⑨ Standard connection covers (pages 2/289 to 2/294)
⑩ Masking frames/cover frames for door cut-out (pages 2/304 to 2/307)
⑪ Motorized operating mechanisms with stored energy mechanism (SEO) (page 2/278)
⑫ Motorized operating mechanisms (MO) (page 2/278)
⑬ Front-operated rotary operating mechanisms (pages 2/274 to 2/277)
⑭ Door-coupling rotary operating mechanisms (pages 2/274 to 2/277)
⑮ 3VL molded case circuit breakers (pages 2/222 to 2/265)
⑯ Internal accessories (pages 2/269, 2/270, 2/271 to 2/273)
⑰ Electronic trip units LCD ETU (pages 2/232, 2/236, 2/240, 2/256 and 2/258)
⑱ Electronic trip units with communication function (pages 2/224 to 2/241, 2/252 to 2/262)
⑲ Thermal/magnetic trip units (pages 2/222 to 2/224, 2/242, 2/246 to 2/250, 2/264)
⑳ RCD modules (page 2/288)
㉑ Rear terminals, flat and round (pages 2/289 to 2/294)
㉒ COM20/21 communication module for the PROFIBUS DP/MODBUS (page 2/303)
㉓ Battery power supplies with test function for Electronic Trip Units (pages 2/296 to 2/300)

Minimum order quantity (PS) or a multiple thereof can be ordered.

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Benefits

- The compact design of the 3VL molded case circuit breakers coupled with excellent characteristics fulfills the high demands of today's electrical distribution systems.
- These circuit breakers offer a broad product range, improved technology, space savings and easy operation.
- They are available both in thermal-magnetic (16 A to 630 A) and in electronic versions (63 A to 1600 A).

Communication

The use of modern communication-capable circuit breakers opens up completely new possibilities in terms of start-up, parameterization, diagnostics, maintenance and operation. This allows many different ways of reducing costs and improving productivity in industrial plants, buildings and infrastructure projects to be achieved:

- Fast and reliable parameterization
- Timely information and response can prevent plant stoppages
- Effective diagnostics management

Measured values are the basis for efficient load management, for drawing up power demand profiles and for assigning power to cost centers.

Communication:

- For molded case circuit breakers with communication function, see pages 2/224 to 2/241, 2/252 to 2/263.
- For communication accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

Application

The different versions of 3VL molded case circuit breakers are suitable for the following applications:

- Incoming and outgoing circuit breakers in distribution systems
- Switching and protection devices for motors, transformers and capacitors
- Disconnecting means with features for stopping and switching off in an emergency (main disconnecting means and EMERGENCY STOP switches) in conjunction with lockable rotary operating mechanisms and terminal covers.

The 3VL molded case circuit breakers are available in the following versions:

1. For line protection (in 3 and 4-pole versions)
The overload and short-circuit releases are designed for the protection of cables, leads and non-motor loads.

2. For motor protection (in 3-pole version)
The overload and short-circuit releases are designed for optimized protection and direct-on-line starting of induction squirrel-cage motors. The circuit breakers for motor protection are susceptible to phase failure and feature an adjustable trip class. The Electronic Trip Units operate with a microprocessor.

3. For starter combinations (in 3-pole version)
These circuit breakers are used both for short-circuit protection as well as for isolating functions, which may be required in starter combinations consisting of motor starter protectors, overload relays and motor contactors. These circuit breakers exclusively feature adjustable, instantaneous short-circuit releases.

4. As non-automatic air circuit breakers (in 3 and 4-pole versions)
These circuit breakers can be used as feeder circuit breakers, main control switches or non-automatic circuit breakers without overload protection. They incorporate an integrated short-circuit self-protection system, eliminating the need for back-up fuses.

Breaking capacity

(N)	Circuit breakers with standard breaking capacity N (I_{cu} up to 55 kA at 415 V)
(H)	Circuit breakers with high breaking capacity H (I_{cu} up to 70 kA at 415 V)
(L)	Circuit breakers with very high breaking capacity L (I_{cu} up to 100 kA at 415 V)
	These breaking capacities are indicated in the corresponding tables by the symbols shown on orange backgrounds.

Standards and specifications

3VL molded case circuit breakers comply with:

IEC 60947-1, EN 60947-1,
VDE 0660-100,
IEC 60947-2, EN 60947-2,
VDE 0660-101.
Isolating features according to IEC 60947-2, EN 60947-2.

Means of disconnection (main disconnecting means) according to EN 60204 (VDE 0113).
The 3VL molded case circuit breakers comply in addition with requirements for "disconnecting means with features for stopping and switching off in an emergency" (EMERGENCY STOP switches) in conjunction with lockable rotary operating mechanisms (red-yellow) and terminal covers.

Please contact Siemens for details of other standards.

The Electronic Trip Units of the circuit breakers for motor protection also comply with IEC 60947-4-1, VDE 0660-102.

VL160X to VL400 circuit breakers can be equipped with a 3VL RCD module. They therefore comply with IEC 60947-2 Annex 5.

The 3VL RCD module complies with IEC 61000-4-2 to IEC 61000-4-6, IEC 61000-4-11 and EN 55011, Class 5 (equivalent to CISPR 11) with regard to electromagnetic compatibility.

Operating conditions

The 3VL molded case circuit breakers are designed for operation in enclosed areas.

Suitable enclosures must be provided for operation in areas with severe ambient conditions (such as dust, caustic vapors, hazardous gases).

The incoming and outgoing terminals for the circuit breaker can be freely selected. The electrical data remains unaffected.

IE3 ready

As from January 2015, the energy-efficiency class IE3 will be mandatory, with a few exceptions only, for three-phase asynchronous motors. This will have an effect on motors, low-voltage power distribution and electrical installation technology, as well as industrial controls.

For use of 3VL molded case circuit breakers in conjunction with highly energy-efficient IE3 motors, please observe the information on dimensioning and configuring, see application manual for controls with IE3/IE4 motors at

https://support.industry.siemens.com/cs/ww/en/view/94770820.

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RCD modules

The RCD module is designed for retrofitting to the circuit breaker. It can also be retrofitted by the customer.

The combination of 3VL molded case circuit breaker and RCD module can be fed from the top or bottom.

All 3VL molded case circuit breakers with RCD modules are available with auxiliary switches, alarm switches, undervoltage and shunt releases.

Protection of plant and equipment against overload or damage by ground faults (ground-fault protection).

The RCD module trips the circuit breaker through vectorial summation current formation for all phase currents if the vectorial sum of the currents in the poles (= the ground fault current) overshoots the pre-set response and delay time values. AC currents and pulsating DC currents are measured (CBR, design A according to EN 60947-2).

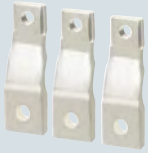
Main connections, basic equipment and options



Box terminal
(for copper cables or solid/ flexible busbars)



Connection with screw terminal (available with direct cable lug connection on VL160X, VL160, VL250, VL400)



Connection to front busbar connecting bars (screw terminal required)



Circular conductor terminal/ multiple feed-in terminal (for Al/Cu terminal)

Main connections (for conductor cross-sections, see below)

Circuit breakers	Connection overview and further options				
	Box terminals	Screw terminals with metric thread for flat connection	Circular conductor terminal/multiple feed-in terminals	Rear connections	Front-accessible connecting bars
VL160X	□	□	×	×	×
VL160	□	□	×	×	×
VL250	□	□	×	×	×
VL400	×	○	×[2)3)]	×	×
VL630	×[1)]	○	×[2)]	×	×
VL800	--	○	×[2)]	×	×
VL1250	--	○	×[2)]	×	×
VL1600	--	×	--	×	○

○ Scope of supply
□ Optional scope of supply
× Available
-- Not available

1) Connecting terminal plate for flexible busbar; not for 690 V AC/600 V DC.
2) Multiple feed-in terminal.
3) Circular conductor terminal also available.

Conductor cross-sections

Type			VL160X 3VL1	VL160 3VL2	VL250 3VL3	VL400 3VL4	VL630 3VL5	VL800 3VL6	VL1250 3VL7	VL1600 3VL8
Conductor cross-sections										
Box terminal[1)]										
• Solid or stranded cable	Copper only	mm^2	2.5 ... 95	2.5 ... 95	25 ... 185	50 ... 300	--	--	--	--
• Finely stranded with end sleeve		mm^2	2.5 ... 50	2.5 ... 50	25 ... 120	50 ... 240	--	--	--	--
• Finely stranded without end sleeve		mm^2	2.5 ... 70	2.5 ... 70	25 ... 150	50 ... 240	--	--	--	--
• Flexible busbar		mm	12 × 10	12 × 10	17 × 10	25 × 10	--	--	--	--
Connecting terminal plate for flexible busbar[2)]		mm	--	--	--	--	2 units 10 × 32	--	--	--
Circular conductor terminal for cable[1)]										
• Solid or stranded cable	Cu or Al	mm^2	16 ... 70	16 ... 70	25 ... 185	50 ... 300	--	--	--	--
- With terminal cover	Cu or Al	mm^2	16 ... 150	16 ... 150	120 ... 240	--	--	--	--	--
• Finely stranded with end sleeve		mm^2	10 ... 50	10 ... 50	25 ... 120	50 ... 240	--	--	--	--
Multiple feed-in terminal[1)]										
• Solid or stranded cable	Cu or Al	mm^2	--	--	--	2 units 50 ... 120	2 units 50 ... 240	3 units 50 ... 240	4 units 50 ... 240	--
- With terminal cover	Cu or Al	mm^2	--	--	--	2 units 70 ... 300	--	--	--	--
• Finely stranded with end sleeve		mm^2	--	--	--	2 units 50 ... 95	2 units 50 ... 185	3 units 50 ... 185	4 units 50 ... 185	--
• Direct connection of busbars	Cu or Al	mm	17 × 7	22 × 7	24 × 7	32 × 10	40 × 10	2 × 40 × 10	2 × 50 × 10	3 × 60 × 10
• Screw for connection with screw terminal			M6	M6	M8	M8	M6	M8	M8	--
Conductor cross-sections for control circuits with terminal connection										
Screw terminals										
• Solid		mm^2	0.75 ... 1.5	0.75 ... 1.5	0.75 ... 1.5	0.75 ... 1.5	0.75 ... 1.5	0.75 ... 1.5	0.75 ... 1.5	0.75 ... 1.5
• Finely stranded with end sleeve		mm^2	0.75 ... 1.0	0.75 ... 1.0	0.75 ... 1.0	0.75 ... 1.0	0.75 ... 1.0	0.75 ... 1.0	0.75 ... 1.0	0.75 ... 1.0

For details, see Mounting Instructions.

1) Cross-sections according to IEC 60999.
2) Not for 690 V AC/600 V DC.

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VL160 to VL1600 trip units – functional overview

Article No. supplement	Releases	Line protection	Line/generator protection	Motor protection	Starter protection	Non-automatic circuit breakers	Function	Setting options L Overload protection	S[1] Short-circuit protection (short-time delayed)		I[1] Short-circuit protection (instantaneous)	G Ground-fault protection	
								I_r = × I_n	I_{sd} = × I_r	t_{sd} [s]	I_i = × I_n	I_g = × I_n	t_g [s]
DK	M	--	--	--	✓	--	I	--	--	--	7 ... 15	--	--
DE	M	--	--	--	--	✓	I	--	--	--	8 ... 18	--	--
EE	M	--	--	--	--	✓	I	--	--	--	8 ... 18	--	--
DA	TM[2]	✓	--	--	--	--	LI	1	--	--	9 ... 18[4]	--	--
DD	TM[2]	✓	--	--	--	--	LI	0.8 ... 1	--	--	9 ... 18[4]	--	--
DC	TM[2]	✓	--	--	--	--	LI	0.8 ... 1	--	--	5 ... 10	--	--
EH	TM[2]	✓	--	--	--	--	LI	1	--	--	9 ... 18[4]	--	--
EJ	TM[2]	✓	--	--	--	--	LI	0.8 ... 1	--	--	5 ... 10	--	--
EA/EL	TM[2]	✓	--	--	--	--	LIN	1	--	--	9 ... 18[4]	--	--
EC	TM[2]	✓	--	--	--	--	LIN	0.8 ... 1	--	--	5 ... 10	--	--
EM	TM[2]	✓	--	--	--	--	LIN	0.8 ... 1	--	--	5 ... 10	--	--
SP	ETU10M[3]	--	--	✓	--	--	LI	0.4 ... 1	--	--	1.25 ... 11	--	--
MP	ETU10M[3]	--	--	✓	--	--	LI	0.4 ... 1	--	--	1.25 ... 11	--	--
SB	ETU10	✓	--	--	--	--	LI	0.4 ... 1	--	--	1.25 ... 11	--	--
MB	ETU10	✓	--	--	--	--	LI	0.4 ... 1	--	--	1.25 ... 11	--	--
LB	ETU10	✓	--	--	--	--	LI	0.4 ... 1	--	--	1.25 ... 11	--	--
TA	ETU10	✓	--	--	--	--	LIN	0.4 ... 1	--	--	1.25 ... 11	--	--
NA	ETU10	✓	--	--	--	--	LIN	0.4 ... 1	--	--	1.25 ... 11	--	--
LA	ETU10	✓	--	--	--	--	LIN	0.4 ... 1	--	--	1.25 ... 11	--	--
TB	ETU10	✓	--	--	--	--	LI	0.4 ... 1	--	--	1.25 ... 11	--	--
NB	ETU10	✓	--	--	--	--	LI	0.4 ... 1	--	--	1.25 ... 11	--	--
SL	ETU12	✓	--	--	--	--	LIG	0.4 ... 1	--	--	1.25 ... 11	0.6 ... 1, OFF	0.1 ... 0.3
ML	ETU12	✓	--	--	--	--	LIG	0.4 ... 1	--	--	1.25 ... 11	0.6 ... 1, OFF	0.1 ... 0.3
SF	ETU12	✓	--	--	--	--	LIG	0.4 ... 1	--	--	1.25 ... 11	0.6 ... 1, OFF	0.1 ... 0.3
MF	ETU12	✓	--	--	--	--	LIG	0.4 ... 1	--	--	1.25 ... 11	0.6 ... 1, OFF	0.1 ... 0.3
TN	ETU12	✓	--	--	--	--	LING	0.4 ... 1	--	--	1.25 ... 11	0.6 ... 1, OFF	0.1 ... 0.3
NN	ETU12	✓	--	--	--	--	LING	0.4 ... 1	--	--	1.25 ... 11	0.6 ... 1, OFF	0.1 ... 0.3
SE	ETU20	--	✓	--	--	--	LSI	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	--	--
ME	ETU20	--	✓	--	--	--	LSI	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	--	--
LE	ETU20	--	✓	--	--	--	LSI	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	--	--
TE	ETU20	--	✓	--	--	--	LSI	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	--	--
NE	ETU20	--	✓	--	--	--	LSI	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	--	--
TF	ETU20	--	✓	--	--	--	LSIN	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	--	--
NF	ETU20	--	✓	--	--	--	LSIN	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	--	--
LF	ETU20	--	✓	--	--	--	LSIN	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	--	--
SG	ETU22	--	✓	--	--	--	LSIG	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	0.6 ... 1, OFF	0.1 ... 0.3
MG	ETU22	--	✓	--	--	--	LSIG	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	0.6 ... 1, OFF	0.1 ... 0.3
SH	ETU22	--	✓	--	--	--	LSIG	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	0.6 ... 1, OFF	0.1 ... 0.3
MH	ETU22	--	✓	--	--	--	LSIG	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	0.6 ... 1, OFF	0.1 ... 0.3
TH	ETU22	--	✓	--	--	--	LSING	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	0.6 ... 1, OFF	0.1 ... 0.3
NH	ETU22	--	✓	--	--	--	LSING	0.4 ... 1	1.5 ... 10	0 ... 0.5	11	0.6 ... 1, OFF	0.1 ... 0.3
SS	ETU30M[3]	--	--	✓	--	--	LI	0.4 ... 1	--	--	6/8/11	--	--
MS	ETU30M[3]	--	--	✓	--	--	LI	0.4 ... 1	--	--	6/8/11	--	--
LS	ETU30M[3]	--	--	✓	--	--	LI	0.4 ... 1	--	--	6/8/11	--	--
UP	LCD ETU40M[3]	--	--	✓	--	--	LI	0.4 ... 1	--	--	1.25 ... 11	--	--
UH	LCD ETU40	--	✓	--	--	--	LI, LS, LSI	0.4 ... 1	1.5 ... 10	0 ... 0.5	1.25 ... 11	--	--
UJ	LCD ETU40	--	✓	--	--	--	LI, LSI, LIN, LSIN	0.4 ... 1	1.5 ... 10	0 ... 0.5	1.25 ... 11	--	--
UL	LCD ETU42	--	✓	--	--	--	LSIG	0.4 ... 1	1.5 ... 10	0 ... 0.5	1.25 ... 11	0.4 ... 1	0.1 ... 0.5
UM	LCD ETU42	--	✓	--	--	--	LSIG	0.4 ... 1	1.5 ... 10	0 ... 0.5	1.25 ... 11	0.4 ... 1	0.1 ... 0.5
UN	LCD ETU42	--	✓	--	--	--	LSIG, LSING	0.4 ... 1	1.5 ... 10	0 ... 0.5	1.25 ... 11	0.4 ... 1	0.1 ... 0.5

✓ Function is available.
-- Function not available.
[1] Size dependent.
[2] TM up to I_n = 630 A.
[3] Motor protection up to I_n = 500 A.
[4] Fixed.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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Article No. supplement	Releases	Thermal image	Phase failure	Communication-capable	Ground-fault protection	Number of poles	N-pole protected[1]	I^2t (ON/OFF)	Trip class (t_C)	Time-lag class (t_R)	Thermal-magnetic overcurrent releases	Magnetic releases	Electronic Trip Unit	LCD display
DK	M	--	--	--	--	3	--	--	--	--	--	✓	--	--
DE	M	--	--	--	--	3	--	--	--	--	--	✓	--	--
EE	M	--	--	--	--	4	--	--	--	--	--	✓	--	--
DA	TM[2]	✓	--	--	--	3	--	--	--	--	✓	--	--	--
DD	TM[2]	✓	--	--	--	3	--	--	--	--	✓	--	--	--
DC	TM[2]	✓	--	--	--	3	--	--	--	--	✓	--	--	--
EH	TM[2]	✓	--	--	--	4	--	--	--	--	✓	--	--	--
EJ	TM[2]	✓	--	--	--	4	--	--	--	--	✓	--	--	--
EA/EL	TM[2]	✓	--	--	--	4	100%	--	--	--	✓	--	--	--
EC	TM[2]	✓	--	--	--	4	60%	--	--	--	✓	--	--	--
EM	TM[2]	✓	--	--	--	4	100%	--	--	--	✓	--	--	--
SP	ETU10M[3]	✓	40% I_R	--	--	3	--	--	10	--	--	--	✓	--
MP	ETU10M[3]	✓	40% I_R	✓[4]	--	3	--	--	10	--	--	--	✓	--
SB	ETU10	✓	--	--	--	3	--	--	--	2.5 ... 30	--	--	✓	--
MB	ETU10	✓	--	✓[4]	--	3	--	--	--	2.5 ... 30	--	--	✓	--
LB	ETU10	✓	--	--	--	3	--	--	--	2.5 ... 30	--	--	✓	--
TA	ETU10	✓	--	--	--	4	50/100%	--	--	2.5 ... 30	--	--	✓	--
NA	ETU10	✓	--	✓[4]	--	4	50/100%	--	--	2.5 ... 30	--	--	✓	--
LA	ETU10	✓	--	--	--	4	50/100%	--	--	2.5 ... 30	--	--	✓	--
TB	ETU10	✓	--	--	--	4	--	--	--	2.5 ... 30	--	--	✓	--
NB	ETU10	✓	--	✓[4]	--	4	--	--	--	2.5 ... 30	--	--	✓	--
SL	ETU12	✓	--	--	①	3	--	--	--	2.5 ... 30	--	--	✓	--
ML	ETU12	✓	--	✓[4]	①	3	--	--	--	2.5 ... 30	--	--	✓	--
SF	ETU12	✓	--	--	②	3	--	--	--	2.5 ... 30	--	--	✓	--
MF	ETU12	✓	--	✓[4]	②	3	--	--	--	2.5 ... 30	--	--	✓	--
TN	ETU12	✓	--	--	②	4	50/100%	--	--	2.5 ... 30	--	--	✓	--
NN	ETU12	✓	--	✓[4]	②	4	50/100%	--	--	2.5 ... 30	--	--	✓	--
SE	ETU20	✓	--	--	--	3	--	✓	--	--	--	--	✓	--
ME	ETU20	✓	--	✓[4]	--	3	--	✓	--	--	--	--	✓	--
LE	ETU20	✓	--	--	--	3	--	✓	--	--	--	--	✓	--
TE	ETU20	✓	--	--	--	4	--	✓	--	--	--	--	✓	--
NE	ETU20	✓	--	✓[4]	--	4	--	✓	--	--	--	--	✓	--
TF	ETU20	✓	--	--	--	4	50/100%	✓	--	--	--	--	✓	--
NF	ETU20	✓	--	✓[4]	--	4	50/100%	✓	--	--	--	--	✓	--
LF	ETU20	✓	--	--	--	4	50/100%	✓	--	--	--	--	✓	--
SG	ETU22	✓	--	--	①	3	--	✓	--	--	--	--	✓	--
MG	ETU22	✓	--	✓[4]	①	3	--	✓	--	--	--	--	✓	--
SH	ETU22	✓	--	--	②	3	--	✓	--	--	--	--	✓	--
MH	ETU22	✓	--	✓[4]	②	3	--	✓	--	--	--	--	✓	--
TH	ETU22	✓	--	--	②	4	50/100%	✓	--	--	--	--	✓	--
NH	ETU22	✓	--	✓[4]	②	4	50/100%	✓	--	--	--	--	✓	--
SS	ETU30M[3]	✓	40% I_R	--	--	3	--	--	10, 20, 30	--	--	--	✓	--
MS	ETU30M[3]	✓	40% I_R	✓[4]	--	3	--	--	10, 20, 30	--	--	--	✓	--
LS	ETU30M[3]	✓	40% I_R	--	--	3	--	--	10, 20, 30	--	--	--	✓	--
UP	LCD ETU40M[3]	✓	5 ... 50% I_R	✓[4]	--	3	--	--	5, 10, 15, 20, 30	--	--	--	✓	✓
UH	LCD ETU40	✓	--	✓[4]	--	3	--	✓	--	2.5 ... 30	--	--	✓	✓
UJ	LCD ETU40	✓	--	✓[4]	--	4	50 ... 100%, OFF	✓	--	2.5 ... 30	--	--	✓	✓
UL	LCD ETU42	✓	--	✓[4]	①	3	--	✓	--	2.5 ... 30	--	--	✓	✓
UM	LCD ETU42	✓	--	✓[4]	①/③	3	--	✓	--	2.5 ... 30	--	--	✓	✓
UN	LCD ETU42	✓	--	✓[4]	②	4	50 ... 100%, OFF	✓	--	2.5 ... 30	--	--	✓	✓

Ground-fault protection
① Vectorial summation current formation (3-wire system)
② Vectorial summation current formation (4-wire system)
③ Direct detection of ground-fault current in the neutral point of the transformer

✓ Function is available.
-- Function not available.

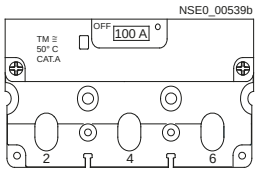
[1] Size dependent.
[2] TM up to I_n = 630 A.
[3] Motor protection up to I_n = 500 A.
[4] With COM20/COM21.

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Selection and ordering data

Type	Rated current I_n	Current setting range of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N See "Overview". (N)			
					Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	A	d					
3-pole, fixed-mounted, for line protection, 16 A to 160 A, thermal-magnetic overcurrent releases LI									


NSE0_00695



Line protection, TM, LI function

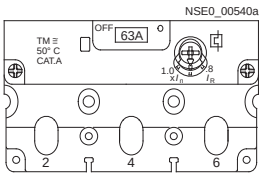
With fixed thermal overcurrent releases, fixed short-circuit releases

	16	16	300	**3VL1796-1DA3□-□□□□**	1	1 unit	1CC
VL160X/	20	20	300	**3VL1702-1DA3□-□□□□**	1	1 unit	1CC
3VL1	25	25	300	**3VL1725-1DA3□-□□□□**	1	1 unit	1CC
	32	32	300	**3VL1703-1DA3□-□□□□**	1	1 unit	1CC
	40	40	600	**3VL1704-1DA3□-□□□□**	1	1 unit	1CC
	50	50	600	**3VL1705-1DA3□-□□□□**	1	1 unit	1CC
	63	63	600	**3VL1706-1DA3□-□□□□**	1	1 unit	1CC
	80	80	1000	**3VL1708-1DA3□-□□□□**	1	1 unit	1CC
	100	100	1000	**3VL1710-1DA3□-□□□□**	1	1 unit	1CC
	125	125	1000	**3VL1712-1DA3□-□□□□**	1	1 unit	1CC
	160	160	1500	**3VL1716-1DA3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal not in conjunction with RCD module[1)]	**6**


NSE0_00703



Line protection, TM, LI function

With adjustable thermal overcurrent releases, fixed short-circuit releases

VL160X/	20	16 ... 20	300	**3VL1702-1DD3□-□□□□**	1	1 unit	1CC
3VL1	32	25 ... 32	300	**3VL1703-1DD3□-□□□□**	1	1 unit	1CC
	40	32 ... 40	600	**3VL1704-1DD3□-□□□□**	1	1 unit	1CC
	50	40 ... 50	600	**3VL1705-1DD3□-□□□□**	1	1 unit	1CC
	63	50 ... 63	600	**3VL1706-1DD3□-□□□□**	1	1 unit	1CC
	80	63 ... 80	1000	**3VL1708-1DD3□-□□□□**	1	1 unit	1CC
	100	80 ... 100	1000	**3VL1710-1DD3□-□□□□**	1	1 unit	1CC
	125	100 ... 125	1000	**3VL1712-1DD3□-□□□□**	1	1 unit	1CC
	160	125 ... 160	1500	**3VL1716-1DD3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal not in conjunction with RCD module[1)]	**6**

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL1796-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1702-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1725-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1703-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1704-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1705-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1706-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1708-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1710-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1712-2DA3□-□□□□		1	1 unit	1CC		--				
	3VL1716-2DA3□-□□□□		1	1 unit	1CC		--				
	3 6										
	3VL1702-2DD3□-□□□□		1	1 unit	1CC		--				
	3VL1703-2DD3□-□□□□		1	1 unit	1CC		--				
	3VL1704-2DD3□-□□□□		1	1 unit	1CC		--				
	3VL1705-2DD3□-□□□□		1	1 unit	1CC		--				
	3VL1706-2DD3□-□□□□		1	1 unit	1CC		--				
	3VL1708-2DD3□-□□□□		1	1 unit	1CC		--				
	3VL1710-2DD3□-□□□□		1	1 unit	1CC		--				
	3VL1712-2DD3□-□□□□		1	1 unit	1CC		--				
	3VL1716-2DD3□-□□□□		1	1 unit	1CC		--				
	3 6										

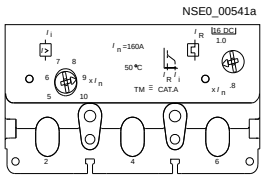
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3-pole

Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "L" I_R	Operating current of the instantaneous short-circuit protection "I" I_i	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N See "Overview". (N) Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU/ Price see page 2/244	PU (UNIT, SET, M)	PS	PG
	A	A	A	d					

3-pole, fixed-mounted, for line protection, 50 A to 630 A, thermal-magnetic overcurrent releases LI


NSE0_00691


NSE0_00541a

Line protection, TM, LI function

With adjustable thermal overcurrent releases, adjustable short-circuit releases

VL160/3VL2	50	40 ... 50	300 ... 600	**3VL2705-1DC3□-□□□□**	1	1 unit	1CC
	63	50 ... 63	300 ... 600	**3VL2706-1DC3□-□□□□**	1	1 unit	1CC
	80	63 ... 80	400 ... 800	**3VL2708-1DC3□-□□□□**	1	1 unit	1CC
	100	80 ... 100	500 ... 1000	**3VL2710-1DC3□-□□□□**	1	1 unit	1CC
	125	100 ... 125	625 ... 1250	**3VL2712-1DC3□-□□□□**	1	1 unit	1CC
	160	125 ... 160	800 ... 1600	**3VL2716-1DC3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	160 ... 200	1000 ... 2000	**3VL3720-1DC3□-□□□□**	1	1 unit	1CC
	250	200 ... 250	1250 ... 2500	**3VL3725-1DC3□-□□□□**	1	1 unit	1CC

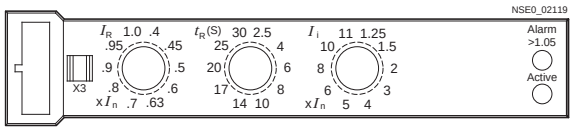
Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal[1)]	**6**

VL400/3VL4	200	160 ... 200	1000 ... 2000	**3VL4720-1DC36-□□□□**	1	1 unit	1CC
	250	200 ... 250	1250 ... 2500	**3VL4725-1DC36-□□□□**	1	1 unit	1CC
	315	250 ... 315	1575 ... 3150	**3VL4731-1DC36-□□□□**	1	1 unit	1CC
	400	320 ... 400	2000 ... 4000	**3VL4740-1DC36-□□□□**	1	1 unit	1CC
VL630/3VL5	315	250 ... 315	1575 ... 3150	**3VL5731-1DC36-□□□□**	1	1 unit	1CC
	400	320 ... 400	2000 ... 4000	**3VL5740-1DC36-□□□□**	1	1 unit	1CC
	500	400 ... 500	2500 ... 5000	**3VL5750-1DC36-□□□□**	1	1 unit	1CC
	630	500 ... 630	3150 ... 6300	**3VL5763-1DC36-□□□□**	1	1 unit	1CC

3-pole, fixed-mounted, for line protection, 63 A to 1600 A, Electronic Trip Units LI


NSE0_00691



ETU10, LI function

With adjustable overcurrent releases, adjustable short-circuit releases

VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n	**3VL2706-1□□3□-□□□□**	1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n	**3VL2710-1□□3□-□□□□**	1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	**3VL2716-1□□3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	**3VL3720-1□□3□-□□□□**	1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	**3VL3725-1□□3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal[1)]	**6**

VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	**3VL4731-1□□36-□□□□**	1	1 unit	1CC
	400	160 ... 400	1.25 ... 11 × I_n	**3VL4740-1□□36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	1.25 ... 10 × I_n	**3VL5763-1□□36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	1.25 ... 8 × I_n	**3VL6780-1□□36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	1.25 ... 11 × I_n	**3VL7710-1□□36-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	1.25 ... 11 × I_n	**3VL7712-1□□36-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	1.25 ... 9 × I_n	**3VL8716-1□□30-□□□□**	1	1 unit	1CC

• Without communication preparation	**SB**
• With communication preparation	**MB**
• Marine engineering-certified LRS, DNV, GL and BV (not communication-ready)	**LB**

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

2) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Communication:

- For accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU/ Price see page 2/244	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU/ Price see page 2/244	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL2705-2DC3□-□□□□		1	1 unit	1CC		**3VL2705-3DC3□-□□□□**		1	1 unit	1CC
	3VL2706-2DC3□-□□□□		1	1 unit	1CC		**3VL2706-3DC3□-□□□□**		1	1 unit	1CC
	3VL2708-2DC3□-□□□□		1	1 unit	1CC		**3VL2708-3DC3□-□□□□**		1	1 unit	1CC
	3VL2710-2DC3□-□□□□		1	1 unit	1CC		**3VL2710-3DC3□-□□□□**		1	1 unit	1CC
	3VL2712-2DC3□-□□□□		1	1 unit	1CC		**3VL2712-3DC3□-□□□□**		1	1 unit	1CC
	3VL2716-2DC3□-□□□□		1	1 unit	1CC		**3VL2716-3DC3□-□□□□**		1	1 unit	1CC
	3VL3720-2DC3□-□□□□		1	1 unit	1CC		**3VL3720-3DC3□-□□□□**		1	1 unit	1CC
	3VL3725-2DC3□-□□□□		1	1 unit	1CC		**3VL3725-3DC3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4720-2DC36-□□□□		1	1 unit	1CC		**3VL4720-3DC36-□□□□**		1	1 unit	1CC
	3VL4725-2DC36-□□□□		1	1 unit	1CC		**3VL4725-3DC36-□□□□**		1	1 unit	1CC
	3VL4731-2DC36-□□□□		1	1 unit	1CC		**3VL4731-3DC36-□□□□**		1	1 unit	1CC
	3VL4740-2DC36-□□□□		1	1 unit	1CC		**3VL4740-3DC36-□□□□**		1	1 unit	1CC
	3VL5731-2DC36-□□□□		1	1 unit	1CC		**3VL5731-3DC36-□□□□**		1	1 unit	1CC
	3VL5740-2DC36-□□□□		1	1 unit	1CC		**3VL5740-3DC36-□□□□**		1	1 unit	1CC
	3VL5750-2DC36-□□□□		1	1 unit	1CC		**3VL5750-3DC36-□□□□**		1	1 unit	1CC
	3VL5763-2DC36-□□□□		1	1 unit	1CC		**3VL5763-3DC36-□□□□**		1	1 unit	1CC
	3VL2706-2□□3□-□□□□		1	1 unit	1CC		**3VL2706-3□□3□-□□□□**		1	1 unit	1CC
	3VL2710-2□□3□-□□□□		1	1 unit	1CC		**3VL2710-3□□3□-□□□□**		1	1 unit	1CC
	3VL2716-2□□3□-□□□□		1	1 unit	1CC		**3VL2716-3□□3□-□□□□**		1	1 unit	1CC
	3VL3720-2□□3□-□□□□		1	1 unit	1CC		**3VL3720-3□□3□-□□□□**		1	1 unit	1CC
	3VL3725-2□□3□-□□□□		1	1 unit	1CC		**3VL3725-3□□3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4731-2□□36-□□□□		1	1 unit	1CC		**3VL4731-3□□36-□□□□**		1	1 unit	1CC
	3VL4740-2□□36-□□□□		1	1 unit	1CC		**3VL4740-3□□36-□□□□**		1	1 unit	1CC
	3VL5763-2□□36-□□□□		1	1 unit	1CC		**3VL5763-3□□36-□□□□**		1	1 unit	1CC
	3VL6780-2□□36-□□□□		1	1 unit	1CC		**3VL6780-3□□36-□□□□**		1	1 unit	1CC
	3VL7710-2□□36-□□□□		1	1 unit	1CC		**3VL7710-3□□36-□□□□**		1	1 unit	1CC
	3VL7712-2□□36-□□□□		1	1 unit	1CC		**3VL7712-3□□36-□□□□**		1	1 unit	1CC
	3VL8716-2□□30-□□□□		1	1 unit	1CC		**3VL8716-3□□30-□□□□**		1	1 unit	1CC
	SB MB LB						**SB MB LB**				

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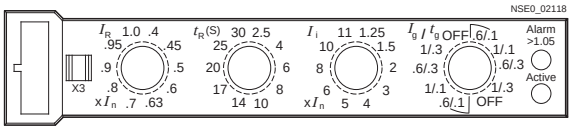
3-pole

Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "L" I_R	Operating current of the instantaneous short-circuit protection "I" I_i	Ground-fault protection "G" I_g	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N (N) See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG
	A	A	A	A	d					

3-pole, fixed-mounted, for line protection, 63 A to 1600 A, Electronic Trip Units LIG



NSE0_00693



NSE0_02118

ETU12, LIG function for 3-wire three-phase systems

With adjustable overcurrent releases, adjustable short-circuit releases, vectorial summation current formation, ground-fault delay t_g = 0.1 ... 0.3 s, ground fault function (G) can be switched off.

VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL2706-1□□3□-□□□□**	1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL2710-1□□3□-□□□□**	1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL2716-1□□3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL3720-1□□3□-□□□□**	1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL3725-1□□3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal[1)]	**6**

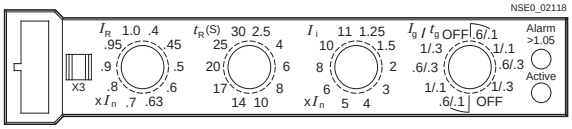
VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL4731-1□□36-□□□□**	1	1 unit	1CC
	400	160 ... 400	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL4740-1□□36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	1.25 ... 10 × I_n	0.6 ... 1 × I_n, OFF	**3VL5763-1□□36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	1.25 ... 8 × I_n	0.6 ... 1 × I_n, OFF	**3VL6780-1□□36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL7710-1□□36-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL7712-1□□36-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	1.25 ... 9 × I_n	0.6 ... 1 × I_n, OFF	**3VL8716-1□□30-□□□□**	1	1 unit	1CC

• Without communication preparation	**SL**
• With communication preparation	**ML**

3-pole, fixed-mounted, for line protection, 63 A to 1600 A, Electronic Trip Units LIG



NSE0_00693



NSE0_02118

ETU12, LIG function for 4-wire three-phase systems

With adjustable overcurrent releases, adjustable short-circuit releases, vectorial summation current formation, external current transformers required in addition, see page 2/302.
Ground fault delay t_g = 0.1 ... 0.3 s, ground fault function (G) can be switched off.

VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL2706-1□□3□-□□□□**	1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL2710-1□□3□-□□□□**	1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL2716-1□□3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL3720-1□□3□-□□□□**	1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL3725-1□□3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal[1)]	**6**

VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL4731-1□□36-□□□□**	1	1 unit	1CC
	400	160 ... 400	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL4740-1□□36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	1.25 ... 10 × I_n	0.6 ... 1 × I_n, OFF	**3VL5763-1□□36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	1.25 ... 8 × I_n	0.6 ... 1 × I_n, OFF	**3VL6780-1□□36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL7710-1□□36-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL7712-1□□36-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	1.25 ... 9 × I_n	0.6 ... 1 × I_n, OFF	**3VL8716-1□□30-□□□□**	1	1 unit	1CC

• Without communication preparation	**SF**
• With communication preparation	**MF**

[1)] **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

[2)] Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG		Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG
d					d						
	3VL2706-2□□3□-□□□□		1	1 unit	1CC		**3VL2706-3□□3□-□□□□**		1	1 unit	1CC
	3VL2710-2□□3□-□□□□		1	1 unit	1CC		**3VL2710-3□□3□-□□□□**		1	1 unit	1CC
	3VL2716-2□□3□-□□□□		1	1 unit	1CC		**3VL2716-3□□3□-□□□□**		1	1 unit	1CC
	3VL3720-2□□3□-□□□□		1	1 unit	1CC		**3VL3720-3□□3□-□□□□**		1	1 unit	1CC
	3VL3725-2□□3□-□□□□		1	1 unit	1CC		**3VL3725-3□□3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4731-2□□36-□□□□		1	1 unit	1CC		**3VL4731-3□□36-□□□□**		1	1 unit	1CC
	3VL4740-2□□36-□□□□		1	1 unit	1CC		**3VL4740-3□□36-□□□□**		1	1 unit	1CC
	3VL5763-2□□36-□□□□		1	1 unit	1CC		**3VL5763-3□□36-□□□□**		1	1 unit	1CC
	3VL6780-2□□36-□□□□		1	1 unit	1CC		**3VL6780-3□□36-□□□□**		1	1 unit	1CC
	3VL7710-2□□36-□□□□		1	1 unit	1CC		**3VL7710-3□□36-□□□□**		1	1 unit	1CC
	3VL7712-2□□36-□□□□		1	1 unit	1CC		**3VL7712-3□□36-□□□□**		1	1 unit	1CC
	3VL8716-2□□30-□□□□		1	1 unit	1CC		**3VL8716-3□□30-□□□□**		1	1 unit	1CC
	SL ML						**SL ML**				

SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG		Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG
d					d						
	3VL2706-2□□3□-□□□□		1	1 unit	1CC		**3VL2706-3□□3□-□□□□**		1	1 unit	1CC
	3VL2710-2□□3□-□□□□		1	1 unit	1CC		**3VL2710-3□□3□-□□□□**		1	1 unit	1CC
	3VL2716-2□□3□-□□□□		1	1 unit	1CC		**3VL2716-3□□3□-□□□□**		1	1 unit	1CC
	3VL3720-2□□3□-□□□□		1	1 unit	1CC		**3VL3720-3□□3□-□□□□**		1	1 unit	1CC
	3VL3725-2□□3□-□□□□		1	1 unit	1CC		**3VL3725-3□□3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4731-2□□36-□□□□		1	1 unit	1CC		**3VL4731-3□□36-□□□□**		1	1 unit	1CC
	3VL4740-2□□36-□□□□		1	1 unit	1CC		**3VL4740-3□□36-□□□□**		1	1 unit	1CC
	3VL5763-2□□36-□□□□		1	1 unit	1CC		**3VL5763-3□□36-□□□□**		1	1 unit	1CC
	3VL6780-2□□36-□□□□		1	1 unit	1CC		**3VL6780-3□□36-□□□□**		1	1 unit	1CC
	3VL7710-2□□36-□□□□		1	1 unit	1CC		**3VL7710-3□□36-□□□□**		1	1 unit	1CC
	3VL7712-2□□36-□□□□		1	1 unit	1CC		**3VL7712-3□□36-□□□□**		1	1 unit	1CC
	3VL8716-2□□30-□□□□		1	1 unit	1CC		**3VL8716-3□□30-□□□□**		1	1 unit	1CC
	SF MF						**SF MF**				

Communication:

- For accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

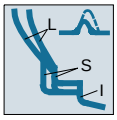
Minimum order quantity (PS) or a multiple thereof can be ordered.

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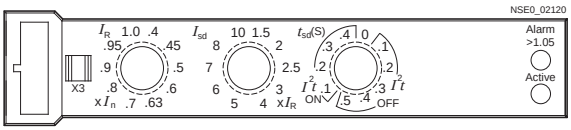
3-pole

Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	S function, short-circuit protection (short-time delayed) **S**	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N See "Overview".				(N)
						Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG
						Article No. supplement, see page 2/268; www.siemens.com/product?Article No.				
	A	A	A	A	d					

3-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSI



NSE0_00692



ETU20, LSI function for time-based discrimination

With adjustable overcurrent releases, fixed short-circuit releases, short-circuit delay (t_{sd} = 0 to 0.5 s)

VL160/3VL2	63	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL2706-1□□3□-□□□□**	1	1 unit	1CC
	100	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL2710-1□□3□-□□□□**	1	1 unit	1CC
	160	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL2716-1□□3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL3720-1□□3□-□□□□**	1	1 unit	1CC
	250	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL3725-1□□3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal[1)]	**6**

VL400/3VL4	315	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL4731-1□□36-□□□□**	1	1 unit	1CC
	400	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL4740-1□□36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	0.4 ... 1.0 × I_n	10 × I_n	1.5 ... 9 × I_R	**3VL5763-1□□36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	0.4 ... 1.0 × I_n	8 × I_n	1.5 ... 7 × I_R	**3VL6780-1□□36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL7710-1□□36-□□□□**	1	1 unit	1CC
	1250	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL7712-1□□36-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	0.4 ... 1.0 × I_n	9 × I_n	1.5 ... 8 × I_R	**3VL8716-1□□30-□□□□**	1	1 unit	1CC

• Without communication preparation	**SE**
• With communication preparation	**ME**
• Marine engineering-certified LRS, DNV, GL and BV (not communication-ready)	**LE**

1) **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

2) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Communication:

- For accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	PU (UNIT, SET, M)	PS	PG		Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	PU (UNIT, SET, M)	PS	PG
d	Price, see page 2/244				d	Price, see page 2/244			
	3VL2706-2□□3□-□□□□	1	1 unit	1CC		**3VL2706-3□□3□-□□□□**	1	1 unit	1CC
	3VL2710-2□□3□-□□□□	1	1 unit	1CC		**3VL2710-3□□3□-□□□□**	1	1 unit	1CC
	3VL2716-2□□3□-□□□□	1	1 unit	1CC		**3VL2716-3□□3□-□□□□**	1	1 unit	1CC
	3VL3720-2□□3□-□□□□	1	1 unit	1CC		**3VL3720-3□□3□-□□□□**	1	1 unit	1CC
	3VL3725-2□□3□-□□□□	1	1 unit	1CC		**3VL3725-3□□3□-□□□□**	1	1 unit	1CC
	3 6					**3 6**			
	3VL4731-2□□36-□□□□	1	1 unit	1CC		**3VL4731-3□□36-□□□□**	1	1 unit	1CC
	3VL4740-2□□36-□□□□	1	1 unit	1CC		**3VL4740-3□□36-□□□□**	1	1 unit	1CC
	3VL5763-2□□36-□□□□	1	1 unit	1CC		**3VL5763-3□□36-□□□□**	1	1 unit	1CC
	3VL6780-2□□36-□□□□	1	1 unit	1CC		**3VL6780-3□□36-□□□□**	1	1 unit	1CC
	3VL7710-2□□36-□□□□	1	1 unit	1CC		**3VL7710-3□□36-□□□□**	1	1 unit	1CC
	3VL7712-2□□36-□□□□	1	1 unit	1CC		**3VL7712-3□□36-□□□□**	1	1 unit	1CC
	3VL8716-2□□30-□□□□	1	1 unit	1CC		**3VL8716-3□□30-□□□□**	1	1 unit	1CC
	SE ME LE					**SE ME LE**			

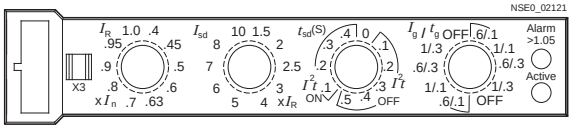
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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	S function, short-circuit protection (short-time delayed) **S**	Ground-fault protection "**G**" I_g	SD	**I_{cu} up to 55 kA at 415 V, standard breaking capacity N** See "Overview". (N)			
							Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS / PG
	A	A	A	A	A	d				

3-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSIG



NSE0_00694



ETU22, LSIG function for 3-wire three-phase systems and time-based discrimination

With adjustable overcurrent releases, fixed short-circuit releases,
ground-fault delay t_g = 0.1 ... 0.3 s, short-circuit delay t_{sd} = 0 ... 0.5 s, ground fault function (G) can be switched off.

VL160/3VL2	63	25 ... 63	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL2706-1□□3□-□□□□**	1	1 unit	1CC
	100	40 ... 100	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL2710-1□□3□-□□□□**	1	1 unit	1CC
	160	64 ... 160	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL2716-1□□3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL3720-1□□3□-□□□□**	1	1 unit	1CC
	250	100 ... 250	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL3725-1□□3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal[1)]	**6**

VL400/3VL4	315	128 ... 315	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL4731-1□□36-□□□□**	1	1 unit	1CC
	400	160 ... 400	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL4740-1□□36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	10 × I_n	1.5 ... 9 × I_R	0.6 ... 1 × I_n, OFF	**3VL5763-1□□36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	8 × I_n	1.5 ... 7 × I_R	0.6 ... 1 × I_n, OFF	**3VL6780-1□□36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL7710-1□□36-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL7712-1□□36-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	9 × I_n	1.5 ... 8 × I_R	0.6 ... 1 × I_n, OFF	**3VL8716-1□□30-□□□□**	1	1 unit	1CC

• Without communication preparation	**SG**
• With communication preparation	**MG**

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

2) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Communication:

- For accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

Minimum order quantity (PS) or a multiple thereof can be ordered.

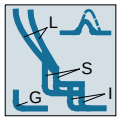
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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG
d					d					
	3VL2706-2□□3□-□□□□		1	1 unit	1CC	**3VL2706-3□□3□-□□□□**		1	1 unit	1CC
	3VL2710-2□□3□-□□□□		1	1 unit	1CC	**3VL2710-3□□3□-□□□□**		1	1 unit	1CC
	3VL2716-2□□3□-□□□□		1	1 unit	1CC	**3VL2716-3□□3□-□□□□**		1	1 unit	1CC
	3VL3720-2□□3□-□□□□		1	1 unit	1CC	**3VL3720-3□□3□-□□□□**		1	1 unit	1CC
	3VL3725-2□□3□-□□□□		1	1 unit	1CC	**3VL3725-3□□3□-□□□□**		1	1 unit	1CC
	3 6					**3 6**				
	3VL4731-2□□36-□□□□		1	1 unit	1CC	**3VL4731-3□□36-□□□□**		1	1 unit	1CC
	3VL4740-2□□36-□□□□		1	1 unit	1CC	**3VL4740-3□□36-□□□□**		1	1 unit	1CC
	3VL5763-2□□36-□□□□		1	1 unit	1CC	**3VL5763-3□□36-□□□□**		1	1 unit	1CC
	3VL6780-2□□36-□□□□		1	1 unit	1CC	**3VL6780-3□□36-□□□□**		1	1 unit	1CC
	3VL7710-2□□36-□□□□		1	1 unit	1CC	**3VL7710-3□□36-□□□□**		1	1 unit	1CC
	3VL7712-2□□36-□□□□		1	1 unit	1CC	**3VL7712-3□□36-□□□□**		1	1 unit	1CC
	3VL8716-2□□30-□□□□		1	1 unit	1CC	**3VL8716-3□□30-□□□□**		1	1 unit	1CC
	SG MG					**SG MG**				

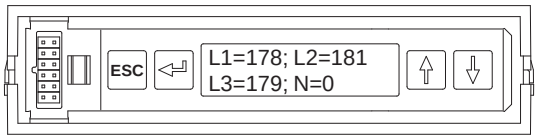
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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	S function, short-circuit protection (short-time delayed) **S**	Ground-fault protection "**G**" I_g	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N (N) See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	A	A	A	d					

3-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSIG



NSE0_00697



NSE0_02129

LCD-ETU42, LSIG function for 3-wire three-phase systems and time-based discrimination

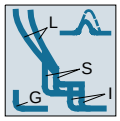
With adjustable overcurrent releases, adjustable short-circuit releases,
vectorial summation current formation, ground-fault delay t_g = 0.1 ... 0.5 s, short-circuit delay t_{sd} = 0 ... 0.5 s

VL160/3VL2	63	25 ... 63	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL2706-1UL3□-□□□□**	1	1 unit	1CC
	100	40 ... 100	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL2710-1UL3□-□□□□**	1	1 unit	1CC
	160	64 ... 160	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL2716-1UL3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL3720-1UL3□-□□□□**	1	1 unit	1CC
	250	100 ... 250	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL3725-1UL3□-□□□□**	1	1 unit	1CC

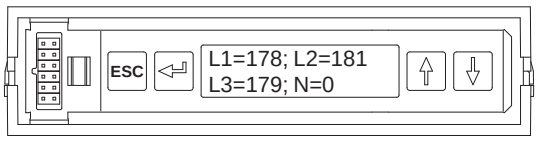
Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal[1)]	**6**

VL400/3VL4	315	128 ... 315	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL4731-1UL36-□□□□**	1	1 unit	1CC
	400	160 ... 400	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL4740-1UL36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	10 × I_n	1.5 ... 9 × I_R	0.4 ... 1 × I_n	**3VL5763-1UL36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	8 × I_n	1.5 ... 7 × I_R	0.4 ... 1 × I_n	**3VL6780-1UL36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL7710-1UL36-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL7712-1UL36-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	9 × I_n	1.5 ... 8 × I_R	0.4 ... 1 × I_n	**3VL8716-1UL30-□□□□**	1	1 unit	1CC



NSE0_00697



NSE0_02129

LCD-ETU42, LSIG function for 4-wire three-phase systems and time-based discrimination

With adjustable overcurrent releases, adjustable short-circuit releases. External current transformers required in addition, see page 2/302.
Vectorial summation current formation, ground-fault delay t_g = 0.1 ... 0.5 s, short-circuit delay t_{sd} = 0 ... 0.5 s

VL160/3VL2	63	25 ... 63	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL2706-1UM3□-□□□□**	1	1 unit	1CC
	100	40 ... 100	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL2710-1UM3□-□□□□**	1	1 unit	1CC
	160	64 ... 160	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL2716-1UM3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL3720-1UM3□-□□□□**	1	1 unit	1CC
	250	100 ... 250	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL3725-1UM3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal[1)]	**6**

VL400/3VL4	315	128 ... 315	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL4731-1UM36-□□□□**	1	1 unit	1CC
	400	160 ... 400	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL4740-1UM36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	10 × I_n	1.5 ... 9 × I_R	0.4 ... 1 × I_n	**3VL5763-1UM36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	8 × I_n	1.5 ... 7 × I_R	0.4 ... 1 × I_n	**3VL6780-1UM36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL7710-1UM36-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n	**3VL7712-1UM36-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	9 × I_n	1.5 ... 8 × I_R	0.4 ... 1 × I_n	**3VL8716-1UM30-□□□□**	1	1 unit	1CC

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

2) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
d	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG	d	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	3VL2706-2UL3□-□□□□		1	1 unit	1CC		**3VL2706-3UL3□-□□□□**		1	1 unit	1CC
	3VL2710-2UL3□-□□□□		1	1 unit	1CC		**3VL2710-3UL3□-□□□□**		1	1 unit	1CC
	3VL2716-2UL3□-□□□□		1	1 unit	1CC		**3VL2716-3UL3□-□□□□**		1	1 unit	1CC
	3VL3720-2UL3□-□□□□		1	1 unit	1CC		**3VL3720-3UL3□-□□□□**		1	1 unit	1CC
	3VL3725-2UL3□-□□□□		1	1 unit	1CC		**3VL3725-3UL3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4731-2UL36-□□□□		1	1 unit	1CC		**3VL4731-3UL36-□□□□**		1	1 unit	1CC
	3VL4740-2UL36-□□□□		1	1 unit	1CC		**3VL4740-3UL36-□□□□**		1	1 unit	1CC
	3VL5763-2UL36-□□□□		1	1 unit	1CC		**3VL5763-3UL36-□□□□**		1	1 unit	1CC
	3VL6780-2UL36-□□□□		1	1 unit	1CC		**3VL6780-3UL36-□□□□**		1	1 unit	1CC
	3VL7710-2UL36-□□□□		1	1 unit	1CC		**3VL7710-3UL36-□□□□**		1	1 unit	1CC
	3VL7712-2UL36-□□□□		1	1 unit	1CC		**3VL7712-3UL36-□□□□**		1	1 unit	1CC
	3VL8716-2UL30-□□□□		1	1 unit	1CC		**3VL8716-3UL30-□□□□**		1	1 unit	1CC
	3VL2706-2UM3□-□□□□		1	1 unit	1CC		**3VL2706-3UM3□-□□□□**		1	1 unit	1CC
	3VL2710-2UM3□-□□□□		1	1 unit	1CC		**3VL2710-3UM3□-□□□□**		1	1 unit	1CC
	3VL2716-2UM3□-□□□□		1	1 unit	1CC		**3VL2716-3UM3□-□□□□**		1	1 unit	1CC
	3VL3720-2UM3□-□□□□		1	1 unit	1CC		**3VL3720-3UM3□-□□□□**		1	1 unit	1CC
	3VL3725-2UM3□-□□□□		1	1 unit	1CC		**3VL3725-3UM3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4731-2UM36-□□□□		1	1 unit	1CC		**3VL4731-3UM36-□□□□**		1	1 unit	1CC
	3VL4740-2UM36-□□□□		1	1 unit	1CC		**3VL4740-3UM36-□□□□**		1	1 unit	1CC
	3VL5763-2UM36-□□□□		1	1 unit	1CC		**3VL5763-3UM36-□□□□**		1	1 unit	1CC
	3VL6780-2UM36-□□□□		1	1 unit	1CC		**3VL6780-3UM36-□□□□**		1	1 unit	1CC
	3VL7710-2UM36-□□□□		1	1 unit	1CC		**3VL7710-3UM36-□□□□**		1	1 unit	1CC
	3VL7712-2UM36-□□□□		1	1 unit	1CC		**3VL7712-3UM36-□□□□**		1	1 unit	1CC
	3VL8716-2UM30-□□□□		1	1 unit	1CC		**3VL8716-3UM30-□□□□**		1	1 unit	1CC

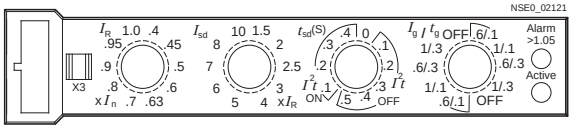
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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	S function, short-circuit protection (short-time delayed) **S**	Ground-fault protection "**G**" I_g	SD	I_{cu} **up to 55 kA at 415 V, standard breaking capacity N** See "Overview".		PU (UNIT, SET, M)	PS	PG
	A	A	A	A	A	d	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244			

3-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSIG



NSE0_00694



ETU22, LSIG function for 4-wire three-phase systems and time-based discrimination

With adjustable overcurrent releases, fixed short-circuit releases, external current transformers required in addition, see page 2/302.
Ground-fault delay t_g = 0.1 ... 0.3 s, short-circuit delay t_{sd} = 0 ... 0.5 s, ground fault function (G) can be switched off.

VL160/3VL2	63	25 ... 63	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL2706-1□□3□-□□□□**	1	1 unit	1CC
	100	40 ... 100	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL2710-1□□3□-□□□□**	1	1 unit	1CC
	160	64 ... 160	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL2716-1□□3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL3720-1□□3□-□□□□**	1	1 unit	1CC
	250	100 ... 250	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL3725-1□□3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**	
• Connection with screw terminal[1]	**6**	
VL400/3VL4	315	128 ... 315	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL4731-1□□36-□□□□**	1	1 unit	1CC
	400	160 ... 400	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL4740-1□□36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	10 × I_n	1.5 ... 9 × I_R	0.6 ... 1 × I_n, OFF	**3VL5763-1□□36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	8 × I_n	1.5 ... 7 × I_R	0.6 ... 1 × I_n, OFF	**3VL6780-1□□36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL7710-1□□36-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL7712-1□□36-□□□□**	1	1 unit	1CC
VL1600/3VL8[2]	1600	640 ... 1600	9 × I_n	1.5 ... 8 × I_R	0.6 ... 1 × I_n, OFF	**3VL8716-1□□30-□□□□**	1	1 unit	1CC

• Without communication preparation	**SH**
• With communication preparation	**MH**

[1] **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

[2] Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Communication:

- For accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG
d					d					
	3VL2706-2□□3□-□□□□		1	1 unit	1CC	**3VL2706-3□□3□-□□□□**		1	1 unit	1CC
	3VL2710-2□□3□-□□□□		1	1 unit	1CC	**3VL2710-3□□3□-□□□□**		1	1 unit	1CC
	3VL2716-2□□3□-□□□□		1	1 unit	1CC	**3VL2716-3□□3□-□□□□**		1	1 unit	1CC
	3VL3720-2□□3□-□□□□		1	1 unit	1CC	**3VL3720-3□□3□-□□□□**		1	1 unit	1CC
	3VL3725-2□□3□-□□□□		1	1 unit	1CC	**3VL3725-3□□3□-□□□□**		1	1 unit	1CC
	3 6					**3 6**				
	3VL4731-2□□36-□□□□		1	1 unit	1CC	**3VL4731-3□□36-□□□□**		1	1 unit	1CC
	3VL4740-2□□36-□□□□		1	1 unit	1CC	**3VL4740-3□□36-□□□□**		1	1 unit	1CC
	3VL5763-2□□36-□□□□		1	1 unit	1CC	**3VL5763-3□□36-□□□□**		1	1 unit	1CC
	3VL6780-2□□36-□□□□		1	1 unit	1CC	**3VL6780-3□□36-□□□□**		1	1 unit	1CC
	3VL7710-2□□36-□□□□		1	1 unit	1CC	**3VL7710-3□□36-□□□□**		1	1 unit	1CC
	3VL7712-2□□36-□□□□		1	1 unit	1CC	**3VL7712-3□□36-□□□□**		1	1 unit	1CC
	3VL8716-2□□30-□□□□		1	1 unit	1CC	**3VL8716-3□□30-□□□□**		1	1 unit	1CC
	SH MH					**SH MH**				

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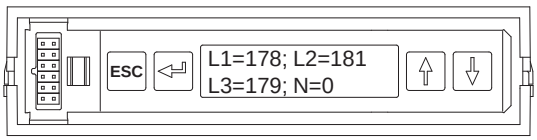
3-pole

Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	S function, short-circuit protection (short-time delayed) **S**	SD	**I_{cu} up to 55 kA at 415 V, standard breaking capacity N** See "Overview".				(N)
						Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	A	A	d					

3-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LI, LS, LSI



NSE0_00696



NSE0_02129

LCD-ETU40, LI/LS/LSI function selectable

With adjustable overcurrent releases, adjustable short-circuit releases, short-circuit delay (t_{sd} = 0 to 0.5 s)

VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL2706-1UH3□-□□□□**	1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL2710-1UH3□-□□□□**	1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL2716-1UH3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL3720-1UH3□-□□□□**	1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL3725-1UH3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal[1)]	**6**

VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL4731-1UH36-□□□□**	1	1 unit	1CC
	400	160 ... 400	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL4740-1UH36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	1.25 ... 10 × I_n	1.5 ... 9 × I_R	**3VL5763-1UH36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	1.25 ... 8 × I_n	1.5 ... 7 × I_R	**3VL6780-1UH36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL7710-1UH36-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL7712-1UH36-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	1.25 ... 9 × I_n	1.5 ... 8 × I_R	**3VL8716-1UH30-□□□□**	1	1 unit	1CC

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

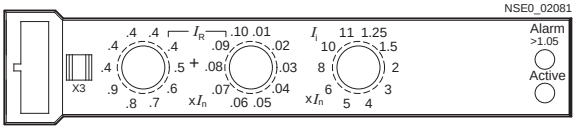
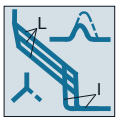
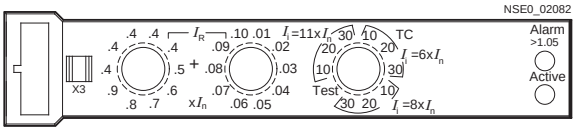
2) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL2706-2UH3□-□□□□		1	1 unit	1CC		**3VL2706-3UH3□-□□□□**		1	1 unit	1CC
	3VL2710-2UH3□-□□□□		1	1 unit	1CC		**3VL2710-3UH3□-□□□□**		1	1 unit	1CC
	3VL2716-2UH3□-□□□□		1	1 unit	1CC		**3VL2716-3UH3□-□□□□**		1	1 unit	1CC
	3VL3720-2UH3□-□□□□		1	1 unit	1CC		**3VL3720-3UH3□-□□□□**		1	1 unit	1CC
	3VL3725-2UH3□-□□□□		1	1 unit	1CC		**3VL3725-3UH3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4731-2UH36-□□□□		1	1 unit	1CC		**3VL4731-3UH36-□□□□**		1	1 unit	1CC
	3VL4740-2UH36-□□□□		1	1 unit	1CC		**3VL4740-3UH36-□□□□**		1	1 unit	1CC
	3VL5763-2UH36-□□□□		1	1 unit	1CC		**3VL5763-3UH36-□□□□**		1	1 unit	1CC
	3VL6780-2UH36-□□□□		1	1 unit	1CC		**3VL6780-3UH36-□□□□**		1	1 unit	1CC
	3VL7710-2UH36-□□□□		1	1 unit	1CC		**3VL7710-3UH36-□□□□**		1	1 unit	1CC
	3VL7712-2UH36-□□□□		1	1 unit	1CC		**3VL7712-3UH36-□□□□**		1	1 unit	1CC
	3VL8716-2UH30-□□□□		1	1 unit	1CC		**3VL8716-3UH30-□□□□**		1	1 unit	1CC

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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N (N) See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG
	A	A	A	d					
3-pole, fixed-mounted, for motor protection, 63 A to 500 A, Electronic Trip Units LI									
 NSE0_00943  NSE0_02081									
ETU10M, LI function[1] With thermal image, with fixed trip class t_C = 10, with phase failure sensitivity 40% I_R									
VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n		**3VL2706-1□□3□-□□□□**		1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n		**3VL2710-1□□3□-□□□□**		1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n		**3VL2716-1□□3□-□□□□**		1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n		**3VL3720-1□□3□-□□□□**		1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n		**3VL3725-1□□3□-□□□□**		1	1 unit	1CC
Connection type can be selected by assignment of the 12th position of the Article No.									
• Connection with box terminal					**3**				
• Connection with screw terminal[2]					**6**				
VL400/3VL4	315	125 ... 315	1.25 ... 11 × I_n		**3VL4731-1□□36-□□□□**		1	1 unit	1CC
VL630/3VL5	500	200 ... 500	1.25 ... 12.5 × I_n		**3VL5750-1□□36-□□□□**		1	1 unit	1CC
• Without communication preparation					**SP**				
• With communication preparation					**MP**				
 NSE0_01419  NSE0_02082									
ETU30M, LI function[1] With thermal image, with adjustable trip class t_C = 10, 20, 30 with phase failure sensitivity 40% I_R									
VL160/3VL2	63	25 ... 63	6/8/11 × I_n		**3VL2706-1□□3□-□□□□**		1	1 unit	1CC
	100	40 ... 100	6/8/11 × I_n		**3VL2710-1□□3□-□□□□**		1	1 unit	1CC
	160	64 ... 160	6/8/11 × I_n		**3VL2716-1□□3□-□□□□**		1	1 unit	1CC
VL250/3VL3	200	80 ... 200	6/8/11 × I_n		**3VL3720-1□□3□-□□□□**		1	1 unit	1CC
	250	100 ... 250	6/8/11 × I_n		**3VL3725-1□□3□-□□□□**		1	1 unit	1CC
Connection type can be selected by assignment of the 12th position of the Article No.									
• Connection with box terminal					**3**				
• Connection with screw terminal[2]					**6**				
VL400/3VL4	315	125 ... 315	6/8/11 × I_n		**3VL4731-1□□36-□□□□**		1	1 unit	1CC
VL630/3VL5	500	200 ... 500	6/8/12.5 × I_n		**3VL5750-1□□36-□□□□**		1	1 unit	1CC
• Without communication preparation					**SS**				
• With communication preparation					**MS**				
• Marine engineering-certified LRS, DNV, GL and BV (not communication-ready)					**LS**				

Communication:

- For accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

1) For use of 3VL molded case circuit breakers with an energy-efficient IE3 motor, you are advised to use a contactor for operational switching of the motor, see also page 2/17.

2) **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG
d					d					
	3VL2706-2□□3□-□□□□		1	1 unit	1CC	**3VL2706-3□□3□-□□□□**		1	1 unit	1CC
	3VL2710-2□□3□-□□□□		1	1 unit	1CC	**3VL2710-3□□3□-□□□□**		1	1 unit	1CC
	3VL2716-2□□3□-□□□□		1	1 unit	1CC	**3VL2716-3□□3□-□□□□**		1	1 unit	1CC
	3VL3720-2□□3□-□□□□		1	1 unit	1CC	**3VL3720-3□□3□-□□□□**		1	1 unit	1CC
	3VL3725-2□□3□-□□□□		1	1 unit	1CC	**3VL3725-3□□3□-□□□□**		1	1 unit	1CC
	3 6					**3 6**				
	3VL4731-2□□36-□□□□		1	1 unit	1CC	**3VL4731-3□□36-□□□□**		1	1 unit	1CC
	3VL5750-2□□36-□□□□		1	1 unit	1CC	**3VL5750-3□□36-□□□□**		1	1 unit	1CC
	SP MP					**SP MP**				

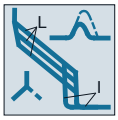
SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/244	PU (UNIT, SET, M)	PS	PG
d					d					
	3VL2706-2□□3□-□□□□		1	1 unit	1CC	**3VL2706-3□□3□-□□□□**		1	1 unit	1CC
	3VL2710-2□□3□-□□□□		1	1 unit	1CC	**3VL2710-3□□3□-□□□□**		1	1 unit	1CC
	3VL2716-2□□3□-□□□□		1	1 unit	1CC	**3VL2716-3□□3□-□□□□**		1	1 unit	1CC
	3VL3720-2□□3□-□□□□		1	1 unit	1CC	**3VL3720-3□□3□-□□□□**		1	1 unit	1CC
	3VL3725-2□□3□-□□□□		1	1 unit	1CC	**3VL3725-3□□3□-□□□□**		1	1 unit	1CC
	3 6					**3 6**				
	3VL4731-2□□36-□□□□		1	1 unit	1CC	**3VL4731-3□□36-□□□□**		1	1 unit	1CC
	3VL5750-2□□36-□□□□		1	1 unit	1CC	**3VL5750-3□□36-□□□□**		1	1 unit	1CC
	SS MS LS					**SS MS LS**				

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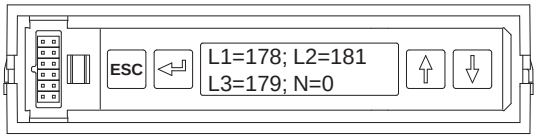
3-pole

Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	SD	**I_{cu} up to 55 kA at 415 V, standard breaking capacity N** See "Overview".	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	A	d	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.				

3-pole, fixed-mounted, for motor protection, 63 A to 500 A, Electronic Trip Units LI



NSE0_01419



NSE0_02129

***LCD-ETU40M, LI function*[1)]**

With thermal image, with adjustable trip class t_C = 5, 10, 15, 20, 30 with phase failure sensitivity adjustable in steps 5 ... 50% I_R

VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n	**3VL2706-1UP3□-□□□□**	1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n	**3VL2710-1UP3□-□□□□**	1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	**3VL2716-1UP3□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	**3VL3720-1UP3□-□□□□**	1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	**3VL3725-1UP3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal[2)]	**6**

VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	**3VL4731-1UP36-□□□□**	1	1 unit	1CC
VL630/3VL5	500	250 ... 500	1.25 ... 12.5 × I_n	**3VL5750-1UP36-□□□□**	1	1 unit	1CC

1) For use of 3VL molded case circuit breakers with an energy-efficient IE3 motor, you are advised to use a contactor for operational switching of the motor, see also page 2/17.

2) **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL2706-2UP3□-□□□□		1	1 unit	1CC		**3VL2706-3UP3□-□□□□**		1	1 unit	1CC
	3VL2710-2UP3□-□□□□		1	1 unit	1CC		**3VL2710-3UP3□-□□□□**		1	1 unit	1CC
	3VL2716-2UP3□-□□□□		1	1 unit	1CC		**3VL2716-3UP3□-□□□□**		1	1 unit	1CC
	3VL3720-2UP3□-□□□□		1	1 unit	1CC		**3VL3720-3UP3□-□□□□**		1	1 unit	1CC
	3VL3725-2UP3□-□□□□		1	1 unit	1CC		**3VL3725-3UP3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4731-2UP36-□□□□		1	1 unit	1CC		**3VL4731-3UP36-□□□□**		1	1 unit	1CC
	3VL5750-2UP36-□□□□		1	1 unit	1CC		**3VL5750-3UP36-□□□□**		1	1 unit	1CC

Minimum order quantity (PS) or a multiple thereof can be ordered.

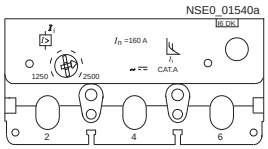
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3-pole

Type	Rated current I_n	Operating current of the instantaneous short-circuit protection "I" I_i	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N (N) See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	d					

3-pole, fixed-mounted, for starter protection, 63 A to 500 A, magnetic release I


NSE0_00707


NSE0_01540a

Starter protection, M, I function [1]
Without thermal overcurrent release, with adjustable short-circuit release

VL160/3VL2	63	450 ... 900	**3VL2706-1DK3□-□□□□**	1	1 unit	1CC
	100	750 ... 1500	**3VL2710-1DK3□-□□□□**	1	1 unit	1CC
	160	1250 ... 2500	**3VL2716-1DK3□-□□□□**	1	1 unit	1CC
VL250/3VL3	250	1750 ... 3500	**3VL3725-1DK3□-□□□□**	1	1 unit	1CC

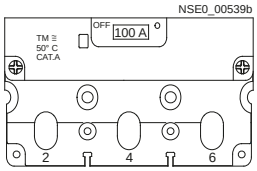
Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal [2]	**6**

VL400/3VL4	200	1250 ... 2500	**3VL4720-1DK36-□□□□**	1	1 unit	1CC
	250	2000 ... 4000	**3VL4725-1DK36-□□□□**	1	1 unit	1CC
	315	2000 ... 4000	**3VL4731-1DK36-□□□□**	1	1 unit	1CC
VL630/3VL5	315	2000 ... 4000	**3VL5731-1DK36-□□□□**	1	1 unit	1CC
	500	3250 ... 6300	**3VL5750-1DK36-□□□□**	1	1 unit	1CC

3-pole, fixed-mounted, for safe disconnection, 100 A to 1600 A, magnetic release I


NSE0_00708


NSE0_00539b

Non-automatic molded case circuit breakers [3], ***I function***
Without thermal overcurrent release, with fixed short-circuit release (for intrinsic protection only)

VL160X/3VL1	100	1800	**3VL1710-1DE3□-□□□□**	1	1 unit	1CC
	160	1800	**3VL1716-1DE3□-□□□□**	1	1 unit	1CC
VL160/3VL2	100	2500	**3VL2710-1DE3□-□□□□**	1	1 unit	1CC
	160	2500	**3VL2716-1DE3□-□□□□**	1	1 unit	1CC
VL250/3VL3	250	3500	**3VL3725-1DE3□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal not in conjunction with RCD module with 3VL1 [2]	**6**

VL400/3VL4	400	4000	**3VL4740-1DE36-□□□□**	1	1 unit	1CC
VL630/3VL5	630	6300	**3VL5763-1DE36-□□□□**	1	1 unit	1CC
VL800/3VL6	800	6500	**3VL6780-1DE36-□□□□**	1	1 unit	1CC
VL1250/3VL7	1250	12000	**3VL7712-1DE36-□□□□**	1	1 unit	1CC
VL1600/3VL8 [4]	1600	14400	**3VL8716-1DE30-□□□□**	1	1 unit	1CC

For further versions, including for short-circuit and ground-fault protection, see pages 2/224 to 2/241.

1) For use of 3VL molded case circuit breakers with an energy-efficient IE3 motor, you are advised to use a contactor for operational switching of the motor, see also page 2/218.

2) **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

3) See chapter "Switch Disconnectors". 3K. switch disconnectors are also available with rear-mounting operating mechanism and leading contacts.

4) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; d www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; d www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	3VL2706-2DK3□-□□□□		1	1 unit	1CC		**3VL2706-3DK3□-□□□□**		1	1 unit	1CC
	3VL2710-2DK3□-□□□□		1	1 unit	1CC		**3VL2710-3DK3□-□□□□**		1	1 unit	1CC
	3VL2716-2DK3□-□□□□		1	1 unit	1CC		**3VL2716-3DK3□-□□□□**		1	1 unit	1CC
	3VL3725-2DK3□-□□□□		1	1 unit	1CC		**3VL3725-3DK3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4720-2DK36-□□□□		1	1 unit	1CC		**3VL4720-3DK36-□□□□**		1	1 unit	1CC
	3VL4725-2DK36-□□□□		1	1 unit	1CC		**3VL4725-3DK36-□□□□**		1	1 unit	1CC
	3VL4731-2DK36-□□□□		1	1 unit	1CC		**3VL4731-3DK36-□□□□**		1	1 unit	1CC
	3VL5731-2DK36-□□□□		1	1 unit	1CC		**3VL5731-3DK36-□□□□**		1	1 unit	1CC
	3VL5750-2DK36-□□□□		1	1 unit	1CC		**3VL5750-3DK36-□□□□**		1	1 unit	1CC
	3VL1710-2DE3□-□□□□		1	1 unit	1CC		**--**				
	3VL1716-2DE3□-□□□□		1	1 unit	1CC		**--**				
	3VL2710-2DE3□-□□□□		1	1 unit	1CC		**3VL2710-3DE3□-□□□□**		1	1 unit	1CC
	3VL2716-2DE3□-□□□□		1	1 unit	1CC		**3VL2716-3DE3□-□□□□**		1	1 unit	1CC
	3VL3725-2DE3□-□□□□		1	1 unit	1CC		**3VL3725-3DE3□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4740-2DE36-□□□□		1	1 unit	1CC		**3VL4740-3DE36-□□□□**		1	1 unit	1CC
	3VL5763-2DE36-□□□□		1	1 unit	1CC		**3VL5763-3DE36-□□□□**		1	1 unit	1CC
	3VL6780-2DE36-□□□□		1	1 unit	1CC		**3VL6780-3DE36-□□□□**		1	1 unit	1CC
	3VL7712-2DE36-□□□□		1	1 unit	1CC		**3VL7712-3DE36-□□□□**		1	1 unit	1CC
	3VL8716-2DE30-□□□□		1	1 unit	1CC		**3VL8716-3DE30-□□□□**		1	1 unit	1CC

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Article No. supplement (for complete Article No., see pages 2/224 to 2/241) **3VL7 ..-. □□3.-....** Trip unit		Breaking capacity	Type **VL160**[1] 3VL2			**VL250**[1] 3VL3		**VL400** 3VL4		**VL630** 3VL5		**VL800** 3VL6	**VL1250** 3VL7		**VL1600** 3VL8
			Rated current I_n 63 A	100 A	160 A	200 A	250 A	315 A	400 A	500 A	630 A	800 A	1000 A	1250 A	1600 A
			Price												
ETU10	**SB**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU10	**MB**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU10	**LB**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU12	**SL**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU12	**ML**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU12	**SF**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU12	**MF**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU20	**SE**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU20	**ME**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU20	**LE**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU22	**SG**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU22	**MG**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU42	**UL**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU42	**UM**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU22	**SH**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU22	**MH**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
ETU40	**UH**	N	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		H	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓
		L	✓	✓	✓	✓	✓	✓	✓	--	✓	✓	✓	✓	✓

[1] **The basic price is reduced when the molded case circuit breaker is ordered with a flat screw terminal ".36-".**

Minimum order quantity (PS) or a multiple thereof can be ordered.

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Article No. supplement (for complete Article No., see pages 2/224 to 2/241) **3VL.7 ..-.□□3.-....** Trip unit		Breaking capacity	Type **VL160**[1] 3VL2			**VL250**[1] 3VL3		**VL400** 3VL4		**VL630** 3VL5		**VL800** 3VL6	**VL1250** 3VL7		**VL1600** 3VL8
			Rated current I_n												
			63 A	100 A	160 A	200 A	250 A	315 A	400 A	500 A	630 A	800 A	1000 A	1250 A	1600 A
			Price												
ETU10M	**SP**	N	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		H	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		L	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
ETU10M	**MP**	N	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		H	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		L	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
ETU30M	**SS**	N	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		H	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		L	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
ETU30M	**MS**	N	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		H	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		L	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
ETU30M	**LS**	N	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		H	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		L	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
ETU40M	**UP**	N	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		H	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--
		L	✓	✓	✓	✓	✓	✓	--	✓	--	--	--	--	--

[1] **The basic price is reduced when the molded case circuit breaker is ordered with a flat screw terminal ".36-".**

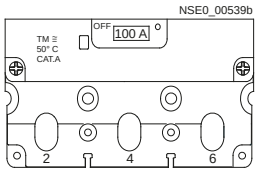
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2

Selection and ordering data

Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N See "Overview". (N)				
					Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	A	d					
4-pole, fixed-mounted, for line protection, 16 A to 630 A, thermal-magnetic overcurrent releases LI									


NSE0_00695



Line protection, TM, LI function

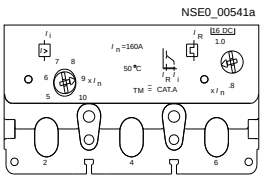
With fixed thermal overcurrent releases, fixed short-circuit releases without overcurrent and short-circuit protection in the 4th pole (N)

VL160X/3VL1	16	16	300	**3VL1796-1EH4□-□□□□**	1	1 unit	1CC
	20	20	300	**3VL1702-1EH4□-□□□□**	1	1 unit	1CC
	25	25	300	**3VL1725-1EH4□-□□□□**	1	1 unit	1CC
	32	32	300	**3VL1703-1EH4□-□□□□**	1	1 unit	1CC
	40	40	600	**3VL1704-1EH4□-□□□□**	1	1 unit	1CC
	50	50	600	**3VL1705-1EH4□-□□□□**	1	1 unit	1CC
	63	63	600	**3VL1706-1EH4□-□□□□**	1	1 unit	1CC
	80	80	1000	**3VL1708-1EH4□-□□□□**	1	1 unit	1CC
	100	100	1000	**3VL1710-1EH4□-□□□□**	1	1 unit	1CC
	125	125	1000	**3VL1712-1EH4□-□□□□**	1	1 unit	1CC
	160	160	1500	**3VL1716-1EH4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal not in conjunction with RCD module[1)]	**6**


NSE0_00704



Line protection, TM, LI function

With adjustable thermal overcurrent releases, adjustable short-circuit releases without overcurrent and short-circuit protection in the 4th pole (N)

VL160/3VL2	50	40 ... 50	300 ... 600	**3VL2705-1EJ4□-□□□□**	1	1 unit	1CC
	63	50 ... 63	300 ... 600	**3VL2706-1EJ4□-□□□□**	1	1 unit	1CC
	80	63 ... 80	400 ... 800	**3VL2708-1EJ4□-□□□□**	1	1 unit	1CC
	100	80 ... 100	500 ... 1000	**3VL2710-1EJ4□-□□□□**	1	1 unit	1CC
	125	100 ... 125	625 ... 1250	**3VL2712-1EJ4□-□□□□**	1	1 unit	1CC
	160	125 ... 160	800 ... 1600	**3VL2716-1EJ4□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	160 ... 200	1000 ... 2000	**3VL3720-1EJ4□-□□□□**	1	1 unit	1CC
	250	200 ... 250	1250 ... 2500	**3VL3725-1EJ4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal[1)]	**6**

VL400/3VL4	200	160 ... 200	1000 ... 2000	**3VL4720-1EJ46-□□□□**	1	1 unit	1CC
	250	200 ... 250	1250 ... 2500	**3VL4725-1EJ46-□□□□**	1	1 unit	1CC
	315	250 ... 315	1575 ... 3150	**3VL4731-1EJ46-□□□□**	1	1 unit	1CC
	400	320 ... 400	2000 ... 4000	**3VL4740-1EJ46-□□□□**	1	1 unit	1CC
VL630/3VL5	315	250 ... 315	1575 ... 3150	**3VL5731-1EJ46-□□□□**	1	1 unit	1CC
	400	320 ... 400	2000 ... 4000	**3VL5740-1EJ46-□□□□**	1	1 unit	1CC
	500	400 ... 500	2500 ... 5000	**3VL5750-1EJ46-□□□□**	1	1 unit	1CC
	630	500 ... 630	3150 ... 6300	**3VL5763-1EJ46-□□□□**	1	1 unit	1CC

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL1796-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1702-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1725-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1703-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1704-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1705-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1706-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1708-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1710-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1712-2EH4□-□□□□		1	1 unit	1CC		--				
	3VL1716-2EH4□-□□□□		1	1 unit	1CC		--				
	3 6										
	3VL2705-2EJ4□-□□□□		1	1 unit	1CC		**3VL2705-3EJ4□-□□□□**		1	1 unit	1CC
	3VL2706-2EJ4□-□□□□		1	1 unit	1CC		**3VL2706-3EJ4□-□□□□**		1	1 unit	1CC
	3VL2708-2EJ4□-□□□□		1	1 unit	1CC		**3VL2708-3EJ4□-□□□□**		1	1 unit	1CC
	3VL2710-2EJ4□-□□□□		1	1 unit	1CC		**3VL2710-3EJ4□-□□□□**		1	1 unit	1CC
	3VL2712-2EJ4□-□□□□		1	1 unit	1CC		**3VL2712-3EJ4□-□□□□**		1	1 unit	1CC
	3VL2716-2EJ4□-□□□□		1	1 unit	1CC		**3VL2716-3EJ4□-□□□□**		1	1 unit	1CC
	3VL3720-2EJ4□-□□□□		1	1 unit	1CC		**3VL3720-3EJ4□-□□□□**		1	1 unit	1CC
	3VL3725-2EJ4□-□□□□		1	1 unit	1CC		**3VL3725-3EJ4□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4720-2EJ46-□□□□		1	1 unit	1CC		**3VL4720-3EJ46-□□□□**		1	1 unit	1CC
	3VL4725-2EJ46-□□□□		1	1 unit	1CC		**3VL4725-3EJ46-□□□□**		1	1 unit	1CC
	3VL4731-2EJ46-□□□□		1	1 unit	1CC		**3VL4731-3EJ46-□□□□**		1	1 unit	1CC
	3VL4740-2EJ46-□□□□		1	1 unit	1CC		**3VL4740-3EJ46-□□□□**		1	1 unit	1CC
	3VL5731-2EJ46-□□□□		1	1 unit	1CC		**3VL5731-3EJ46-□□□□**		1	1 unit	1CC
	3VL5740-2EJ46-□□□□		1	1 unit	1CC		**3VL5740-3EJ46-□□□□**		1	1 unit	1CC
	3VL5750-2EJ46-□□□□		1	1 unit	1CC		**3VL5750-3EJ46-□□□□**		1	1 unit	1CC
	3VL5763-2EJ46-□□□□		1	1 unit	1CC		**3VL5763-3EJ46-□□□□**		1	1 unit	1CC

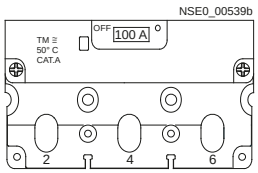
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4-pole

Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "L" I_R	Operating current of the instantaneous short-circuit protection "I" I_i	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N See "Overview".				(N)
					Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	A	d					
4-pole, fixed-mounted, for line protection, 16 A to 160 A, thermal-magnetic overcurrent releases LIN									


NSE0_00695



Line protection, TM, LIN function

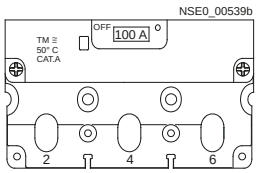
With fixed thermal overcurrent releases, fixed short-circuit releases with "N" overcurrent and short-circuit release
N protection = 100%

VL160X/3VL1	16	16	300	**3VL1796-1EA4□-□□□□**	1	1 unit	1CC
	20	20	300	**3VL1702-1EA4□-□□□□**	1	1 unit	1CC
	25	25	300	**3VL1725-1EA4□-□□□□**	1	1 unit	1CC
	32	32	300	**3VL1703-1EA4□-□□□□**	1	1 unit	1CC
	40	40	600	**3VL1704-1EA4□-□□□□**	1	1 unit	1CC
	50	50	600	**3VL1705-1EA4□-□□□□**	1	1 unit	1CC
	63	63	600	**3VL1706-1EA4□-□□□□**	1	1 unit	1CC
	80	80	1000	**3VL1708-1EA4□-□□□□**	1	1 unit	1CC
	100	100	1000	**3VL1710-1EA4□-□□□□**	1	1 unit	1CC
	125	125	1000	**3VL1712-1EL4□-□□□□**	1	1 unit	1CC
	160	160	1500	**3VL1716-1EL4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal not in conjunction with RCD module[1)]	**6**


NSE0_00695



Line protection, TM, LIN function

With fixed thermal overcurrent releases, fixed short-circuit releases with "N" overcurrent and short-circuit release
N protection = 60%

VL160X/3VL1	125	125	1000	**3VL1712-1EA4□-□□□□**	1	1 unit	1CC
	160	160	1500	**3VL1716-1EA4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal not in conjunction with RCD module[1)]	**6**

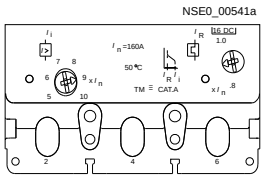
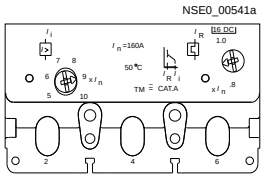
[1)] **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; d www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; d www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	3VL1796-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1702-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1725-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1703-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1704-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1705-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1706-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1708-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1710-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1712-2EL4□-□□□□		1	1 unit	1CC		--				
	3VL1716-2EL4□-□□□□		1	1 unit	1CC		--				
	3 **6**										
	3VL1712-2EA4□-□□□□		1	1 unit	1CC		--				
	3VL1716-2EA4□-□□□□		1	1 unit	1CC		--				
	3 **6**										

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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "L" I_R	Operating current of the instantaneous short-circuit protection "I" I_i	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N See "Overview". (N)				
					Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	A	d					
4-pole, fixed-mounted, for line protection, 16 A to 630 A, thermal-magnetic overcurrent releases LIN									
 NSE0_00691	 NSE0_00541a								
Line protection, TM, LIN function									
With adjustable thermal overcurrent releases, adjustable short-circuit releases, with "N" overcurrent and short-circuit release N protection = 100%									
VL160/3VL2	50	40 ... 50	300 ... 600		**3VL2705-1EM4□-□□□□**		1	1 unit	1CC
	63	50 ... 63	300 ... 600		**3VL2706-1EM4□-□□□□**		1	1 unit	1CC
	80	63 ... 80	400 ... 800		**3VL2708-1EM4□-□□□□**		1	1 unit	1CC
	100	80 ... 100	500 ... 1000		**3VL2710-1EM4□-□□□□**		1	1 unit	1CC
	125	100 ... 125	625 ... 1250		**3VL2712-1EM4□-□□□□**		1	1 unit	1CC
	160	125 ... 160	800 ... 1600		**3VL2716-1EM4□-□□□□**		1	1 unit	1CC
VL250/3VL3	200	160 ... 200	1000 ... 2000		**3VL3720-1EM4□-□□□□**		1	1 unit	1CC
	250	200 ... 250	1250 ... 2500		**3VL3725-1EM4□-□□□□**		1	1 unit	1CC
Connection type can be selected by assignment of the 12th position of the Article No.									
• Connection with box terminal					**3**				
• Connection with flat screw terminal[1]					**6**				
VL400/3VL4	200	160 ... 200	1000 ... 2000		**3VL4720-1EM46-□□□□**		1	1 unit	1CC
	250	200 ... 250	1250 ... 2500		**3VL4725-1EM46-□□□□**		1	1 unit	1CC
	315	250 ... 315	1575 ... 3150		**3VL4731-1EM46-□□□□**		1	1 unit	1CC
	400	320 ... 400	2000 ... 4000		**3VL4740-1EM46-□□□□**		1	1 unit	1CC
VL630/3VL5	315	250 ... 315	1575 ... 3150		**3VL5731-1EM46-□□□□**		1	1 unit	1CC
	400	320 ... 400	2000 ... 4000		**3VL5740-1EM46-□□□□**		1	1 unit	1CC
	500	400 ... 500	2500 ... 5000		**3VL5750-1EM46-□□□□**		1	1 unit	1CC
	630	500 ... 630	3150 ... 6300		**3VL5763-1EM46-□□□□**		1	1 unit	1CC
 NSE0_00691	 NSE0_00541a								
Line protection, TM, LIN function									
With adjustable thermal overcurrent releases, adjustable short-circuit releases, with "N" overcurrent and short-circuit release N protection = 60%									
VL160/3VL2	125	100 ... 125	625 ... 1250		**3VL2712-1EC4□-□□□□**		1	1 unit	1CC
	160	125 ... 160	800 ... 1600		**3VL2716-1EC4□-□□□□**		1	1 unit	1CC
VL250/3VL3	200	160 ... 200	1000 ... 2000		**3VL3720-1EC4□-□□□□**		1	1 unit	1CC
	250	200 ... 250	1250 ... 2500		**3VL3725-1EC4□-□□□□**		1	1 unit	1CC
Connection type can be selected by assignment of the 12th position of the Article No.									
• Connection with box terminal					**3**				
• Connection with flat screw terminal[1]					**6**				
VL400/3VL4	200	160 ... 200	1000 ... 2000		**3VL4720-1EC46-□□□□**		1	1 unit	1CC
	250	200 ... 250	1250 ... 2500		**3VL4725-1EC46-□□□□**		1	1 unit	1CC
	315	250 ... 315	1575 ... 3150		**3VL4731-1EC46-□□□□**		1	1 unit	1CC
	400	320 ... 400	2000 ... 4000		**3VL4740-1EC46-□□□□**		1	1 unit	1CC
VL630/3VL5	315	250 ... 315	1575 ... 3150		**3VL5731-1EC46-□□□□**		1	1 unit	1CC
	400	320 ... 400	2000 ... 4000		**3VL5740-1EC46-□□□□**		1	1 unit	1CC
	500	400 ... 500	2500 ... 5000		**3VL5750-1EC46-□□□□**		1	1 unit	1CC
	630	500 ... 630	3150 ... 6300		**3VL5763-1EC46-□□□□**		1	1 unit	1CC

[1] **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

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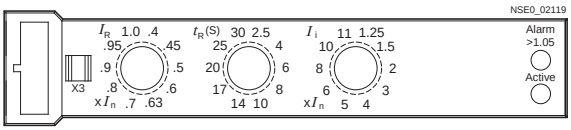
SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL2705-2EM4□-□□□□		1	1 unit	1CC		**3VL2705-3EM4□-□□□□**		1	1 unit	1CC
	3VL2706-2EM4□-□□□□		1	1 unit	1CC		**3VL2706-3EM4□-□□□□**		1	1 unit	1CC
	3VL2708-2EM4□-□□□□		1	1 unit	1CC		**3VL2708-3EM4□-□□□□**		1	1 unit	1CC
	3VL2710-2EM4□-□□□□		1	1 unit	1CC		**3VL2710-3EM4□-□□□□**		1	1 unit	1CC
	3VL2712-2EM4□-□□□□		1	1 unit	1CC		**3VL2712-3EM4□-□□□□**		1	1 unit	1CC
	3VL2716-2EM4□-□□□□		1	1 unit	1CC		**3VL2716-3EM4□-□□□□**		1	1 unit	1CC
	3VL3720-2EM4□-□□□□		1	1 unit	1CC		**3VL3720-3EM4□-□□□□**		1	1 unit	1CC
	3VL3725-2EM4□-□□□□		1	1 unit	1CC		**3VL3725-3EM4□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4720-2EM46-□□□□		1	1 unit	1CC		**3VL4720-3EM46-□□□□**		1	1 unit	1CC
	3VL4725-2EM46-□□□□		1	1 unit	1CC		**3VL4725-3EM46-□□□□**		1	1 unit	1CC
	3VL4731-2EM46-□□□□		1	1 unit	1CC		**3VL4731-3EM46-□□□□**		1	1 unit	1CC
	3VL4740-2EM46-□□□□		1	1 unit	1CC		**3VL4740-3EM46-□□□□**		1	1 unit	1CC
	3VL5731-2EM46-□□□□		1	1 unit	1CC		**3VL5731-3EM46-□□□□**		1	1 unit	1CC
	3VL5740-2EM46-□□□□		1	1 unit	1CC		**3VL5740-3EM46-□□□□**		1	1 unit	1CC
	3VL5750-2EM46-□□□□		1	1 unit	1CC		**3VL5750-3EM46-□□□□**		1	1 unit	1CC
	3VL5763-2EM46-□□□□		1	1 unit	1CC		**3VL5763-3EM46-□□□□**		1	1 unit	1CC
	3VL2712-2EC4□-□□□□		1	1 unit	1CC		**3VL2712-3EC4□-□□□□**		1	1 unit	1CC
	3VL2716-2EC4□-□□□□		1	1 unit	1CC		**3VL2716-3EC4□-□□□□**		1	1 unit	1CC
	3VL3720-2EC4□-□□□□		1	1 unit	1CC		**3VL3720-3EC4□-□□□□**		1	1 unit	1CC
	3VL3725-2EC4□-□□□□		1	1 unit	1CC		**3VL3725-3EC4□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4720-2EC46-□□□□		1	1 unit	1CC		**3VL4720-3EC46-□□□□**		1	1 unit	1CC
	3VL4725-2EC46-□□□□		1	1 unit	1CC		**3VL4725-3EC46-□□□□**		1	1 unit	1CC
	3VL4731-2EC46-□□□□		1	1 unit	1CC		**3VL4731-3EC46-□□□□**		1	1 unit	1CC
	3VL4740-2EC46-□□□□		1	1 unit	1CC		**3VL4740-3EC46-□□□□**		1	1 unit	1CC
	3VL5731-2EC46-□□□□		1	1 unit	1CC		**3VL5731-3EC46-□□□□**		1	1 unit	1CC
	3VL5740-2EC46-□□□□		1	1 unit	1CC		**3VL5740-3EC46-□□□□**		1	1 unit	1CC
	3VL5750-2EC46-□□□□		1	1 unit	1CC		**3VL5750-3EC46-□□□□**		1	1 unit	1CC
	3VL5763-2EC46-□□□□		1	1 unit	1CC		**3VL5763-3EC46-□□□□**		1	1 unit	1CC

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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "L" I_R	Operating current of the instantaneous short-circuit protection "I" I_i	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N (N) See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/266	PU (UNIT, SET, M)	PS	PG
	A	A	A	d					

4-pole, fixed-mounted, for line protection, 63 A to 1600 A, Electronic Trip Units LI





ETU10, LI function

With adjustable overcurrent releases, adjustable short-circuit releases without overcurrent and short-circuit release in the 4th pole (N)

VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n	**3VL2706-1□□4□-□□□□**	1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n	**3VL2710-1□□4□-□□□□**	1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	**3VL2716-1□□4□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	**3VL3720-1□□4□-□□□□**	1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	**3VL3725-1□□4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

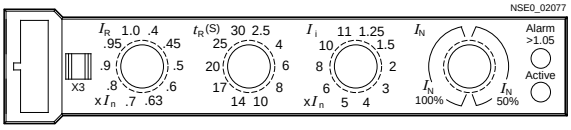
• Connection with box terminal	**3**
• Connection with flat screw terminal[1]	**6**

VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	**3VL4731-1□□46-□□□□**	1	1 unit	1CC
	400	160 ... 400	1.25 ... 11 × I_n	**3VL4740-1□□46-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	1.25 ... 10 × I_n	**3VL5763-1□□46-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	1.25 ... 8 × I_n	**3VL6780-1□□46-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	1.25 ... 11 × I_n	**3VL7710-1□□46-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	1.25 ... 11 × I_n	**3VL7712-1□□46-□□□□**	1	1 unit	1CC
VL1600/3VL8[2]	1600	640 ... 1600	1.25 ... 9 × I_n	**3VL8716-1□□40-□□□□**	1	1 unit	1CC

• Without communication preparation	**TB**
• With communication preparation	**NB**

4-pole, fixed-mounted, for line protection, 63 A to 1600 A, Electronic Trip Units LIN





ETU10, LIN function

With adjustable overcurrent releases, adjustable short-circuit releases with overcurrent and short-circuit release in the 4th pole (N)
N protection = 50/100%

VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n	**3VL2706-1□□4□-□□□□**	1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n	**3VL2710-1□□4□-□□□□**	1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	**3VL2716-1□□4□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	**3VL3720-1□□4□-□□□□**	1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	**3VL3725-1□□4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal[1]	**6**[1]

VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	**3VL4731-1□□46-□□□□**	1	1 unit	1CC
	400	160 ... 400	1.25 ... 11 × I_n	**3VL4740-1□□46-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	1.25 ... 10 × I_n	**3VL5763-1□□46-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	1.25 ... 8 × I_n	**3VL6780-1□□46-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	1.25 ... 11 × I_n	**3VL7710-1□□46-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	1.25 ... 11 × I_n	**3VL7712-1□□46-□□□□**	1	1 unit	1CC
VL1600/3VL8[2]	1600	640 ... 1600	1.25 ... 9 × I_n	**3VL8716-1□□40-□□□□**	1	1 unit	1CC

• Without communication preparation	**TA**
• With communication preparation	**NA**
• Marine engineering-certified LRS, DNV, GL and BV (not communication-	**LA**

[1] **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

[2] Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. Price, see page 2/266 Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	PU (UNIT, SET, M)	PS	PG		Article No. Price, see page 2/266 Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	PU (UNIT, SET, M)	PS	PG
d					d				
	3VL2706-2□□4□-□□□□	1	1 unit	1CC		**3VL2706-3□□4□-□□□□**	1	1 unit	1CC
	3VL2710-2□□4□-□□□□	1	1 unit	1CC		**3VL2710-3□□4□-□□□□**	1	1 unit	1CC
	3VL2716-2□□4□-□□□□	1	1 unit	1CC		**3VL2716-3□□4□-□□□□**	1	1 unit	1CC
	3VL3720-2□□4□-□□□□	1	1 unit	1CC		**3VL3720-3□□4□-□□□□**	1	1 unit	1CC
	3VL3725-2□□4□-□□□□	1	1 unit	1CC		**3VL3725-3□□4□-□□□□**	1	1 unit	1CC
	3 6					**3 6**			
	3VL4731-2□□46-□□□□	1	1 unit	1CC		**3VL4731-3□□46-□□□□**	1	1 unit	1CC
	3VL4740-2□□46-□□□□	1	1 unit	1CC		**3VL4740-3□□46-□□□□**	1	1 unit	1CC
	3VL5763-2□□46-□□□□	1	1 unit	1CC		**3VL5763-3□□46-□□□□**	1	1 unit	1CC
	3VL6780-2□□46-□□□□	1	1 unit	1CC		**3VL6780-3□□46-□□□□**	1	1 unit	1CC
	3VL7710-2□□46-□□□□	1	1 unit	1CC		**3VL7710-3□□46-□□□□**	1	1 unit	1CC
	3VL7712-2□□46-□□□□	1	1 unit	1CC		**3VL7712-3□□46-□□□□**	1	1 unit	1CC
	3VL8716-2□□40-□□□□	1	1 unit	1CC		**3VL8716-3□□40-□□□□**	1	1 unit	1CC
	TB NB					**TB NB**			

SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. Price, see page 2/266 Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	PU (UNIT, SET, M)	PS	PG		Article No. Price, see page 2/266 Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	PU (UNIT, SET, M)	PS	PG
d					d				
	3VL2706-2□□4□-□□□□	1	1 unit	1CC		**3VL2706-3□□4□-□□□□**	1	1 unit	1CC
	3VL2710-2□□4□-□□□□	1	1 unit	1CC		**3VL2710-3□□4□-□□□□**	1	1 unit	1CC
	3VL2716-2□□4□-□□□□	1	1 unit	1CC		**3VL2716-3□□4□-□□□□**	1	1 unit	1CC
	3VL3720-2□□4□-□□□□	1	1 unit	1CC		**3VL3720-3□□4□-□□□□**	1	1 unit	1CC
	3VL3725-2□□4□-□□□□	1	1 unit	1CC		**3VL3725-3□□4□-□□□□**	1	1 unit	1CC
	3 6					**3 6**			
	3VL4731-2□□46-□□□□	1	1 unit	1CC		**3VL4731-3□□46-□□□□**	1	1 unit	1CC
	3VL4740-2□□46-□□□□	1	1 unit	1CC		**3VL4740-3□□46-□□□□**	1	1 unit	1CC
	3VL5763-2□□46-□□□□	1	1 unit	1CC		**3VL5763-3□□46-□□□□**	1	1 unit	1CC
	3VL6780-2□□46-□□□□	1	1 unit	1CC		**3VL6780-3□□46-□□□□**	1	1 unit	1CC
	3VL7710-2□□46-□□□□	1	1 unit	1CC		**3VL7710-3□□46-□□□□**	1	1 unit	1CC
	3VL7712-2□□46-□□□□	1	1 unit	1CC		**3VL7712-3□□46-□□□□**	1	1 unit	1CC
	3VL8716-2□□40-□□□□	1	1 unit	1CC		**3VL8716-3□□40-□□□□**	1	1 unit	1CC
	TA NA LA					**TA NA LA**			

Communication:
- For accessories, see page 2/303.

- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

Minimum order quantity (PS) or a multiple thereof can be ordered.

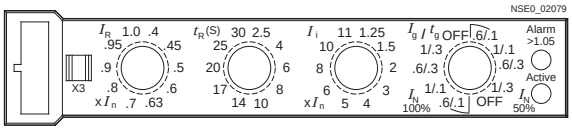
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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	Ground-fault protection "**G**" I_g	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/266	PU (UNIT, SET, M)	PS	PG
	A	A	A	A	d					

4-pole, fixed-mounted, for line protection, 63 A to 1600 A, Electronic Trip Units LING



NSE0_00693



ETU12, LING function for 4-wire three-phase systems

With adjustable overcurrent releases, adjustable short-circuit releases
vectorial summation current formation, ground-fault delay t_g = 0.1 ... 0.3 s, ground fault function (G) can be switched off
with overcurrent and short-circuit protection in the 4th pole (N), N protection = 50/100%

VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL2706-1□□4□-□□□□**	1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL2710-1□□4□-□□□□**	1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL2716-1□□4□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL3720-1□□4□-□□□□**	1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL3725-1□□4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal[1)]	**6**

VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL4731-1□□46-□□□□**	1	1 unit	1CC
	400	160 ... 400	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL4740-1□□46-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	1.25 ... 10 × I_n	0.6 ... 1 × I_n, OFF	**3VL5763-1□□46-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	1.25 ... 8 × I_n	0.6 ... 1 × I_n, OFF	**3VL6780-1□□46-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL7710-1□□46-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	1.25 ... 11 × I_n	0.6 ... 1 × I_n, OFF	**3VL7712-1□□46-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	1.25 ... 9 × I_n	0.6 ... 1 × I_n, OFF	**3VL8716-1□□40-□□□□**	1	1 unit	1CC

• Without communication preparation	**TN**
• With communication preparation	**NN**

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

2) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Communication:

- For accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

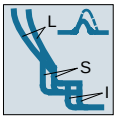
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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/266	PU (UNIT, SET, M)	PS	PG	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/266	PU (UNIT, SET, M)	PS	PG
d					d					
	3VL2706-2□□4□-□□□□		1	1 unit	1CC	**3VL2706-3□□4□-□□□□**		1	1 unit	1CC
	3VL2710-2□□4□-□□□□		1	1 unit	1CC	**3VL2710-3□□4□-□□□□**		1	1 unit	1CC
	3VL2716-2□□4□-□□□□		1	1 unit	1CC	**3VL2716-3□□4□-□□□□**		1	1 unit	1CC
	3VL3720-2□□4□-□□□□		1	1 unit	1CC	**3VL3720-3□□4□-□□□□**		1	1 unit	1CC
	3VL3725-2□□4□-□□□□		1	1 unit	1CC	**3VL3725-3□□4□-□□□□**		1	1 unit	1CC
	3 6					**3 6**				
	3VL4731-2□□46-□□□□		1	1 unit	1CC	**3VL4731-3□□46-□□□□**		1	1 unit	1CC
	3VL4740-2□□46-□□□□		1	1 unit	1CC	**3VL4740-3□□46-□□□□**		1	1 unit	1CC
	3VL5763-2□□46-□□□□		1	1 unit	1CC	**3VL5763-3□□46-□□□□**		1	1 unit	1CC
	3VL6780-2□□46-□□□□		1	1 unit	1CC	**3VL6780-3□□46-□□□□**		1	1 unit	1CC
	3VL7710-2□□46-□□□□		1	1 unit	1CC	**3VL7710-3□□46-□□□□**		1	1 unit	1CC
	3VL7712-2□□46-□□□□		1	1 unit	1CC	**3VL7712-3□□46-□□□□**		1	1 unit	1CC
	3VL8716-2□□40-□□□□		1	1 unit	1CC	**3VL8716-3□□40-□□□□**		1	1 unit	1CC
	TN NN					**TN NN**				

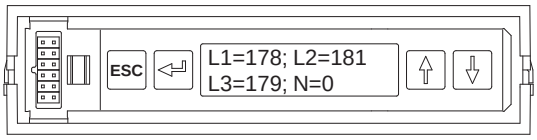
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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	S function, short-circuit protection (short-time delayed) **S**	SD	I_{cu} **up to 55 kA at 415 V, standard breaking capacity N** See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	A	A	d					

4-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LI, LSI, LIN, LSIN



NSE0_00696



NSE0_02129

LCD-ETU40, LI/LSI/LIN/LSIN function selectable

With adjustable overcurrent releases, adjustable short-circuit releases
short-circuit delay t_{sd} = 0 ... 0.5 s
with overcurrent and short-circuit releases in the 4th pole (N) N protection = 50 ... 100 %, OFF

VL160/3VL2	63[1]	25 ... 63	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL2706-1UJ4□-□□□□**	1	1 unit	1CC
	100[1]	40 ... 100	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL2710-1UJ4□-□□□□**	1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL2716-1UJ4□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL3720-1UJ4□-□□□□**	1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL3725-1UJ4□-□□□□**	1	1 unit	1CC
		Connection type can be selected by assignment of the 12th position of the Article No.						
		• Connection with box terminal			**3**			
		• Connection with flat screw terminal[2]			**6**			
VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL4731-1UJ46-□□□□**	1	1 unit	1CC
	400	160 ... 400	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL4740-1UJ46-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	1.25 ... 10 × I_n	1.5 ... 9 × I_R	**3VL5763-1UJ46-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	1.25 ... 8 × I_n	1.5 ... 7 × I_R	**3VL6780-1UJ46-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL7710-1UJ46-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	1.25 ... 11 × I_n	1.5 ... 10 × I_R	**3VL7712-1UJ46-□□□□**	1	1 unit	1CC
VL1600/3VL8[3]	1600	640 ... 1600	1.25 ... 9 × I_n	1.5 ... 8 × I_R	**3VL8716-1UJ40-□□□□**	1	1 unit	1CC

[1] N = 100% protection for $I_n \leq 100$ A.

[2] **When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.**

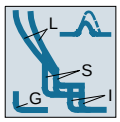
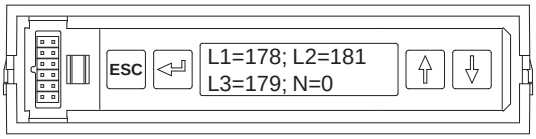
[3] Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL2706-2UJ4□-□□□□		1	1 unit	1CC		**3VL2706-3UJ4□-□□□□**		1	1 unit	1CC
	3VL2710-2UJ4□-□□□□		1	1 unit	1CC		**3VL2710-3UJ4□-□□□□**		1	1 unit	1CC
	3VL2716-2UJ4□-□□□□		1	1 unit	1CC		**3VL2716-3UJ4□-□□□□**		1	1 unit	1CC
	3VL3720-2UJ4□-□□□□		1	1 unit	1CC		**3VL3720-3UJ4□-□□□□**		1	1 unit	1CC
	3VL3725-2UJ4□-□□□□		1	1 unit	1CC		**3VL3725-3UJ4□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4731-2UJ46-□□□□		1	1 unit	1CC		**3VL4731-3UJ46-□□□□**		1	1 unit	1CC
	3VL4740-2UJ46-□□□□		1	1 unit	1CC		**3VL4740-3UJ46-□□□□**		1	1 unit	1CC
	3VL5763-2UJ46-□□□□		1	1 unit	1CC		**3VL5763-3UJ46-□□□□**		1	1 unit	1CC
	3VL6780-2UJ46-□□□□		1	1 unit	1CC		**3VL6780-3UJ46-□□□□**		1	1 unit	1CC
	3VL7710-2UJ46-□□□□		1	1 unit	1CC		**3VL7710-3UJ46-□□□□**		1	1 unit	1CC
	3VL7712-2UJ46-□□□□		1	1 unit	1CC		**3VL7712-3UJ46-□□□□**		1	1 unit	1CC
	3VL8716-2UJ40-□□□□		1	1 unit	1CC		**3VL8716-3UJ40-□□□□**		1	1 unit	1CC

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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	S function, short-circuit protection (short-time delayed) **S**	Ground-fault protection "**G**" I_g	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	A	A	A	d					
4-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSIG, LSING											
 NSE0_00697											
 NSE0_02129											
LCD-ETU42, LSIG/LSING function for 4-wire three-phase systems and time-based discrimination											
With adjustable overcurrent releases, adjustable short-circuit releases ground-fault delay t_g = 0.1 ... 0.5 s, short-circuit delay t_{sd} = 0 ... 0.5 s with overcurrent and short-circuit releases in the 4th pole (N), N protection = 50 ... 100%, OFF											
VL160/3VL2	63	25 ... 63	1.25 ... 11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n		**3VL2706-1UN4□-□□□□**		1	1 unit	1CC
	100	40 ... 100	1.25 ... 11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n		**3VL2710-1UN4□-□□□□**		1	1 unit	1CC
	160	64 ... 160	1.25 ... 11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n		**3VL2716-1UN4□-□□□□**		1	1 unit	1CC
VL250/3VL3	200	80 ... 200	1.25 ... 11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n		**3VL3720-1UN4□-□□□□**		1	1 unit	1CC
	250	100 ... 250	1.25 ... 11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n		**3VL3725-1UN4□-□□□□**		1	1 unit	1CC
Connection type can be selected by assignment of the 12th position of the Article No.											
• Connection with box terminal							**3**				
• Connection with flat screw terminal[1)]							**6**				
VL400/3VL4	315	128 ... 315	1.25 ... 11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n		**3VL4731-1UN46-□□□□**		1	1 unit	1CC
	400	160 ... 400	1.25 ... 11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n		**3VL4740-1UN46-□□□□**		1	1 unit	1CC
VL630/3VL5	630	252 ... 630	1.25 ... 10 × I_n	1.5 ... 9 × I_R	0.4 ... 1 × I_n		**3VL5763-1UN46-□□□□**		1	1 unit	1CC
VL800/3VL6	800	320 ... 800	1.25 ... 8 × I_n	1.5 ... 7 × I_R	0.4 ... 1 × I_n		**3VL6780-1UN46-□□□□**		1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	1.25 ... 11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n		**3VL7710-1UN46-□□□□**		1	1 unit	1CC
	1250	500 ... 1250	1.25 ... 11 × I_n	1.5 ... 10 × I_R	0.4 ... 1 × I_n		**3VL7712-1UN46-□□□□**		1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	1.25 ... 9 × I_n	1.5 ... 8 × I_R	0.4 ... 1 × I_n		**3VL8716-1UN40-□□□□**		1	1 unit	1CC

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

2) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Minimum order quantity (PS) or a multiple thereof can be ordered.

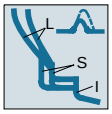
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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL2706-2UN4□-□□□□		1	1 unit	1CC		**3VL2706-3UN4□-□□□□**		1	1 unit	1CC
	3VL2710-2UN4□-□□□□		1	1 unit	1CC		**3VL2710-3UN4□-□□□□**		1	1 unit	1CC
	3VL2716-2UN4□-□□□□		1	1 unit	1CC		**3VL2716-3UN4□-□□□□**		1	1 unit	1CC
	3VL3720-2UN4□-□□□□		1	1 unit	1CC		**3VL3720-3UN4□-□□□□**		1	1 unit	1CC
	3VL3725-2UN4□-□□□□		1	1 unit	1CC		**3VL3725-3UN4□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4731-2UN46-□□□□		1	1 unit	1CC		**3VL4731-3UN46-□□□□**		1	1 unit	1CC
	3VL4740-2UN46-□□□□		1	1 unit	1CC		**3VL4740-3UN46-□□□□**		1	1 unit	1CC
	3VL5763-2UN46-□□□□		1	1 unit	1CC		**3VL5763-3UN46-□□□□**		1	1 unit	1CC
	3VL6780-2UN46-□□□□		1	1 unit	1CC		**3VL6780-3UN46-□□□□**		1	1 unit	1CC
	3VL7710-2UN46-□□□□		1	1 unit	1CC		**3VL7710-3UN46-□□□□**		1	1 unit	1CC
	3VL7712-2UN46-□□□□		1	1 unit	1CC		**3VL7712-3UN46-□□□□**		1	1 unit	1CC
	3VL8716-2UN40-□□□□		1	1 unit	1CC		**3VL8716-3UN40-□□□□**		1	1 unit	1CC

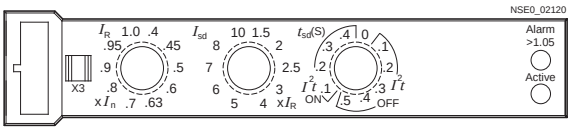
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Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	S function, short-circuit protection (short-time delayed) **S**	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N See "Overview".				(N)
						Article No.	Price, see page 2/266	PU (UNIT, SET, M)	PS	PG
						Article No. supplement, see page 2/268; www.siemens.com/product?Article No.				
	A	A	A	A	d					

4-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSI



NSE0_00692



ETU20, LSI function for time-based discrimination

With adjustable overcurrent releases, fixed short-circuit releases, short-circuit delay (t_{sd} = 0 ... 0.5 s) without overcurrent and short-circuit releases in the 4th pole (N)

VL160/3VL2	63	25 ... 63	11 × I_n	1.5 ... 10 × I_R	**3VL2706-1□□4□-□□□□**	1	1 unit	1CC
	100	40 ... 100	11 × I_n	1.5 ... 10 × I_R	**3VL2710-1□□4□-□□□□**	1	1 unit	1CC
	160	64 ... 160	11 × I_n	1.5 ... 10 × I_R	**3VL2716-1□□4□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	11 × I_n	1.5 ... 10 × I_R	**3VL3720-1□□4□-□□□□**	1	1 unit	1CC
	250	100 ... 250	11 × I_n	1.5 ... 10 × I_R	**3VL3725-1□□4□-□□□□**	1	1 unit	1CC

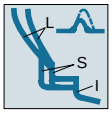
Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal[1)]	**6**

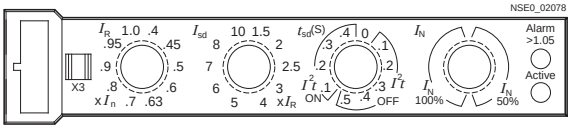
VL400/3VL4	315	128 ... 315	11 × I_n	1.5 ... 10 × I_R	**3VL4731-1□□46-□□□□**	1	1 unit	1CC
	400	160 ... 400	11 × I_n	1.5 ... 10 × I_R	**3VL4740-1□□46-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	10 × I_n	1.5 ... 9 × I_R	**3VL5763-1□□46-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	8 × I_n	1.5 ... 7 × I_R	**3VL6780-1□□46-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	11 × I_n	1.5 ... 10 × I_R	**3VL7710-1□□46-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	11 × I_n	1.5 ... 10 × I_R	**3VL7712-1□□46-□□□□**	1	1 unit	1CC
VL1600/3VL8[1)]	1600	640 ... 1600	9 × I_n	1.5 ... 8 × I_R	**3VL8716-1□□40-□□□□**	1	1 unit	1CC

• Without communication preparation	**TE**
• With communication preparation	**NE**

4-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSIN



NSE0_00692



ETU20, LSIN function for time-based discrimination

With adjustable overcurrent releases, fixed short-circuit releases, short-circuit delay (t_{sd} = 0 ... 0.5 s) with overcurrent and short-circuit releases in the 4th pole (N), N protection = 50/100%

VL160/3VL2	63	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL2706-1□□4□-□□□□**	1	1 unit	1CC
	100	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL2710-1□□4□-□□□□**	1	1 unit	1CC
	160	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL2716-1□□4□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL3720-1□□4□-□□□□**	1	1 unit	1CC
	250	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL3725-1□□4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal[1)]	**6**

VL400/3VL4	315	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL4731-1□□46-□□□□**	1	1 unit	1CC
	400	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL4740-1□□46-□□□□**	1	1 unit	1CC
VL630/3VL5	630	0.4 ... 1.0 × I_n	10 × I_n	1.5 ... 9 × I_R	**3VL5763-1□□46-□□□□**	1	1 unit	1CC
VL800/3VL6	800	0.4 ... 1.0 × I_n	8 × I_n	1.5 ... 7 × I_R	**3VL6780-1□□46-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL7710-1□□46-□□□□**	1	1 unit	1CC
	1250	0.4 ... 1.0 × I_n	11 × I_n	1.5 ... 10 × I_R	**3VL7712-1□□46-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	0.4 ... 1.0 × I_n	9 × I_n	1.5 ... 8 × I_R	**3VL8716-1□□40-□□□□**	1	1 unit	1CC

• Without communication preparation	**TF**
• With communication preparation	**NF**
• Marine engineering-certified LRS, DNV, GL and BV (not communication-	**LF**

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

2) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Communication:
- For accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/266	PU (UNIT, SET, M)	PS	PG	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/266	PU (UNIT, SET,	PS	PG
d					d					
	3VL2706-2□□4□-□□□□		1	1 unit	1CC	**3VL2706-3□□4□-□□□□**		1	1 unit	1CC
	3VL2710-2□□4□-□□□□		1	1 unit	1CC	**3VL2710-3□□4□-□□□□**		1	1 unit	1CC
	3VL2716-2□□4□-□□□□		1	1 unit	1CC	**3VL2716-3□□4□-□□□□**		1	1 unit	1CC
	3VL3720-2□□4□-□□□□		1	1 unit	1CC	**3VL3720-3□□4□-□□□□**		1	1 unit	1CC
	3VL3725-2□□4□-□□□□		1	1 unit	1CC	**3VL3725-3□□4□-□□□□**		1	1 unit	1CC
	3 6					**3 6**				
	3VL4731-2□□46-□□□□		1	1 unit	1CC	**3VL4731-3□□46-□□□□**		1	1 unit	1CC
	3VL4740-2□□46-□□□□		1	1 unit	1CC	**3VL4740-3□□46-□□□□**		1	1 unit	1CC
	3VL5763-2□□46-□□□□		1	1 unit	1CC	**3VL5763-3□□46-□□□□**		1	1 unit	1CC
	3VL6780-2□□46-□□□□		1	1 unit	1CC	**3VL6780-3□□46-□□□□**		1	1 unit	1CC
	3VL7710-2□□46-□□□□		1	1 unit	1CC	**3VL7710-3□□46-□□□□**		1	1 unit	1CC
	3VL7712-2□□46-□□□□		1	1 unit	1CC	**3VL7712-3□□46-□□□□**		1	1 unit	1CC
	3VL8716-2□□40-□□□□		1	1 unit	1CC	**3VL8716-3□□40-□□□□**		1	1 unit	1CC
	TE NE					**TE NE**				

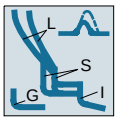
SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/266	PU (UNIT, SET, M)	PS	PG	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/266	PU (UNIT, SET,	PS	PG
d					d					
	3VL2706-2□□4□-□□□□		1	1 unit	1CC	**3VL2706-3□□4□-□□□□**		1	1 unit	1CC
	3VL2710-2□□4□-□□□□		1	1 unit	1CC	**3VL2710-3□□4□-□□□□**		1	1 unit	1CC
	3VL2716-2□□4□-□□□□		1	1 unit	1CC	**3VL2716-3□□4□-□□□□**		1	1 unit	1CC
	3VL3720-2□□4□-□□□□		1	1 unit	1CC	**3VL3720-3□□4□-□□□□**		1	1 unit	1CC
	3VL3725-2□□4□-□□□□		1	1 unit	1CC	**3VL3725-3□□4□-□□□□**		1	1 unit	1CC
	3 6					**3 6**				
	3VL4731-2□□46-□□□□		1	1 unit	1CC	**3VL4731-3□□46-□□□□**		1	1 unit	1CC
	3VL4740-2□□46-□□□□		1	1 unit	1CC	**3VL4740-3□□46-□□□□**		1	1 unit	1CC
	3VL5763-2□□46-□□□□		1	1 unit	1CC	**3VL5763-3□□46-□□□□**		1	1 unit	1CC
	3VL6780-2□□46-□□□□		1	1 unit	1CC	**3VL6780-3□□46-□□□□**		1	1 unit	1CC
	3VL7710-2□□46-□□□□		1	1 unit	1CC	**3VL7710-3□□46-□□□□**		1	1 unit	1CC
	3VL7712-2□□46-□□□□		1	1 unit	1CC	**3VL7712-3□□46-□□□□**		1	1 unit	1CC
	3VL8716-2□□40-□□□□		1	1 unit	1CC	**3VL8716-3□□40-□□□□**		1	1 unit	1CC
	TF NF LF					**TF NF LF**				

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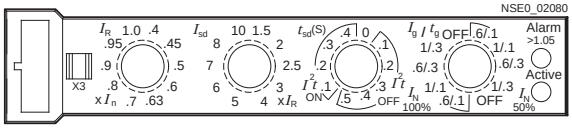
4-pole

Type	Rated current I_n	Current setting of the inverse-time delayed overcurrent protection "**L**" I_R	Operating current of the instantaneous short-circuit protection "**I**" I_i	S function, short-circuit protection (short-time delayed) **S**	Ground-fault protection "**G**" I_g	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N (N) See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Price, see page 2/266	PU (UNIT, SET, M)	PS	PG
	A	A	A	A	A	d					

4-pole, fixed-mounted, for line protection - generator protection, 63 A to 1600 A, Electronic Trip Units LSING



NSE0_00694



ETU22, LSING function for 4-wire three-phase systems and time-based discrimination

With adjustable overcurrent releases, adjustable short-circuit releases
ground-fault delay t_g = 0.1 ... 0.3 s, ground fault function (G) can be switched off, short-circuit delay t_{sd} = 0 ... 0.5 s
with overcurrent and short-circuit releases in the 4th pole (N), N protection = 50/100 %

VL160/3VL2	63	25 ... 63	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL2706-1□□4□-□□□□**	1	1 unit	1CC
	100	40 ... 100	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL2710-1□□4□-□□□□**	1	1 unit	1CC
	160	64 ... 160	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL2716-1□□4□-□□□□**	1	1 unit	1CC
VL250/3VL3	200	80 ... 200	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL3720-1□□4□-□□□□**	1	1 unit	1CC
	250	100 ... 250	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL3725-1□□4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with flat screw terminal[1)]	**6**

VL400/3VL4	315	128 ... 315	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL4731-1□□46-□□□□**	1	1 unit	1CC
	400	160 ... 400	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL4740-1□□46-□□□□**	1	1 unit	1CC
VL630/3VL5	630	252 ... 630	10 × I_n	1.5 ... 9 × I_R	0.6 ... 1 × I_n, OFF	**3VL5763-1□□46-□□□□**	1	1 unit	1CC
VL800/3VL6	800	320 ... 800	8 × I_n	1.5 ... 7 × I_R	0.6 ... 1 × I_n, OFF	**3VL6780-1□□46-□□□□**	1	1 unit	1CC
VL1250/3VL7	1000	400 ... 1000	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL7710-1□□46-□□□□**	1	1 unit	1CC
	1250	500 ... 1250	11 × I_n	1.5 ... 10 × I_R	0.6 ... 1 × I_n, OFF	**3VL7712-1□□46-□□□□**	1	1 unit	1CC
VL1600/3VL8[2)]	1600	640 ... 1600	9 × I_n	1.5 ... 8 × I_R	0.6 ... 1 × I_n, OFF	**3VL8716-1□□40-□□□□**	1	1 unit	1CC

• Without communication preparation	**TH**
• With communication preparation	**NH**

1) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

2) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Communication:

- For accessories, see page 2/303.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)				SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)			
	Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	PU (UNIT, SET, M)	PS	PG		Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	PU (UNIT, SET, M)	PS	PG
d	Price, see page 2/266				d	Price, see page 2/266			
	3VL2706-2□□4□-□□□□	1	1 unit	1CC		**3VL2706-3□□4□-□□□□**	1	1 unit	1CC
	3VL2710-2□□4□-□□□□	1	1 unit	1CC		**3VL2710-3□□4□-□□□□**	1	1 unit	1CC
	3VL2716-2□□4□-□□□□	1	1 unit	1CC		**3VL2716-3□□4□-□□□□**	1	1 unit	1CC
	3VL3720-2□□4□-□□□□	1	1 unit	1CC		**3VL3720-3□□4□-□□□□**	1	1 unit	1CC
	3VL3725-2□□4□-□□□□	1	1 unit	1CC		**3VL3725-3□□4□-□□□□**	1	1 unit	1CC
	3 6					**3 6**			
	3VL4731-2□□46-□□□□	1	1 unit	1CC		**3VL4731-3□□46-□□□□**	1	1 unit	1CC
	3VL4740-2□□46-□□□□	1	1 unit	1CC		**3VL4740-3□□46-□□□□**	1	1 unit	1CC
	3VL5763-2□□46-□□□□	1	1 unit	1CC		**3VL5763-3□□46-□□□□**	1	1 unit	1CC
	3VL6780-2□□46-□□□□	1	1 unit	1CC		**3VL6780-3□□46-□□□□**	1	1 unit	1CC
	3VL7710-2□□46-□□□□	1	1 unit	1CC		**3VL7710-3□□46-□□□□**	1	1 unit	1CC
	3VL7712-2□□46-□□□□	1	1 unit	1CC		**3VL7712-3□□46-□□□□**	1	1 unit	1CC
	3VL8716-2□□40-□□□□	1	1 unit	1CC		**3VL8716-3□□40-□□□□**	1	1 unit	1CC
	TH NH					**TH NH**			

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Product discontinuation

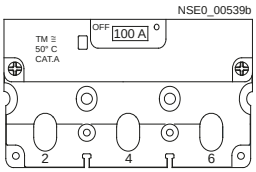
4-pole

2

Type	Rated current I_n	Operating current of the instantaneous short-circuit protection "I" I_i	SD	I_{cu} up to 55 kA at 415 V, standard breaking capacity N (N) See "Overview". Article No. / Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	d					

4-pole, fixed-mounted, for safe disconnection, 100 A to 1600 A, magnetic release I


NSE0_00708



Non-automatic molded case circuit breakers*[1], *I function
Without thermal overcurrent release, with fixed short-circuit release (for intrinsic protection only)
without thermal overcurrent and short-circuit release in the 4th pole (N)

VL160X/3VL1	100	1800	**3VL1710-1EE4□-□□□□**	1	1 unit	1CC
	160	1800	**3VL1716-1EE4□-□□□□**	1	1 unit	1CC
VL160/3VL2	100	2500	**3VL2710-1EE4□-□□□□**	1	1 unit	1CC
	160	2500	**3VL2716-1EE4□-□□□□**	1	1 unit	1CC
VL250/3VL3	250	3500	**3VL3725-1EE4□-□□□□**	1	1 unit	1CC

Connection type can be selected by assignment of the 12th position of the Article No.

• Connection with box terminal	**3**
• Connection with screw terminal not in conjunction with RCD module with 3VL1[2]	**6**

VL400/3VL4	400	4000	**3VL4740-1EE46-□□□□**	1	1 unit	1CC
VL630/3VL5	630	6300	**3VL5763-1EE46-□□□□**	1	1 unit	1CC
VL800/3VL6	800	6500	**3VL6780-1EE46-□□□□**	1	1 unit	1CC
VL1250/3VL7	1250	12000	**3VL7712-1EE46-□□□□**	1	1 unit	1CC
VL1600/3VL8[3]	1600	14400	**3VL8716-1EE40-□□□□**	1	1 unit	1CC

1) See chapter "Switch Disconnectors". 3K. switch disconnectors are also available with rear-mounting operating mechanism and leading contacts.

2) When the circuit breaker with flat screw terminal is ordered, the basic price is reduced.

3) Front busbar connection pieces are included in the scope of supply and are to be fitted by the customer.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H)					SD	I_{cu} up to 100 kA at 415 V, very high breaking capacity L (L)				
	Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG		Article No. Article No. supplement, see page 2/268; www.siemens.com/product?Article No.	Basic price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL1710-2EE4□-□□□□		1	1 unit	1CC		**--**				
	3VL1716-2EE4□-□□□□		1	1 unit	1CC		**--**				
	3VL2710-2EE4□-□□□□		1	1 unit	1CC		**3VL2710-3EE4□-□□□□**		1	1 unit	1CC
	3VL2716-2EE4□-□□□□		1	1 unit	1CC		**3VL2716-3EE4□-□□□□**		1	1 unit	1CC
	3VL3725-2EE4□-□□□□		1	1 unit	1CC		**3VL3725-3EE4□-□□□□**		1	1 unit	1CC
	3 6						**3 6**				
	3VL4740-2EE46-□□□□		1	1 unit	1CC		**3VL4740-3EE46-□□□□**		1	1 unit	1CC
	3VL5763-2EE46-□□□□		1	1 unit	1CC		**3VL5763-3EE46-□□□□**		1	1 unit	1CC
	3VL6780-2EE46-□□□□		1	1 unit	1CC		**3VL6780-3EE46-□□□□**		1	1 unit	1CC
	3VL7712-2EE46-□□□□		1	1 unit	1CC		**3VL7712-3EE46-□□□□**		1	1 unit	1CC
	3VL8716-2EE40-□□□□		1	1 unit	1CC		**3VL8716-3EE40-□□□□**		1	1 unit	1CC

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Product discontinuation

4-pole

Article No. supplement (for complete Article No., see pages 2/252 to 2/263) **3VL7.. - .□□4.-....**		Breaking capacity	Type	**VL160**[1]			**VL250**[1]		**VL400**		**VL630**	**VL800**	**VL1250**		**VL1600**
				3VL2			3VL3		3VL4		3VL5	3VL6	3VL7		3VL8
			Rated current I_n												
Trip unit				63 A	100 A	160 A	200 A	250 A	315 A	400 A	630 A	800 A	1000 A	1250 A	1600 A
			Price												
ETU10	**TB**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU10	**NB**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU10	**TA**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU10	**NA**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU10	**LA**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU12	**TN**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU12	**NN**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU40	**UJ**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU42	**UN**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU20	**TE**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU20	**NE**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU20	**TF**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU20	**NF**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU20	**LF**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU22	**TH**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ETU22	**NH**	N H L		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

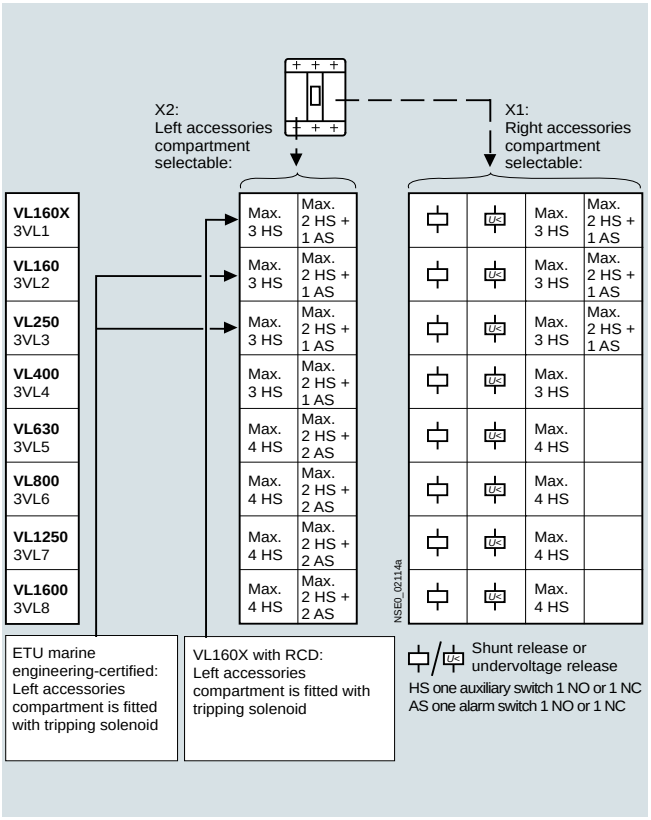
[1] **The basic price is reduced when the molded case circuit breaker is ordered with a flat screw terminal ".36-".**

Minimum order quantity (PS) or a multiple thereof can be ordered.

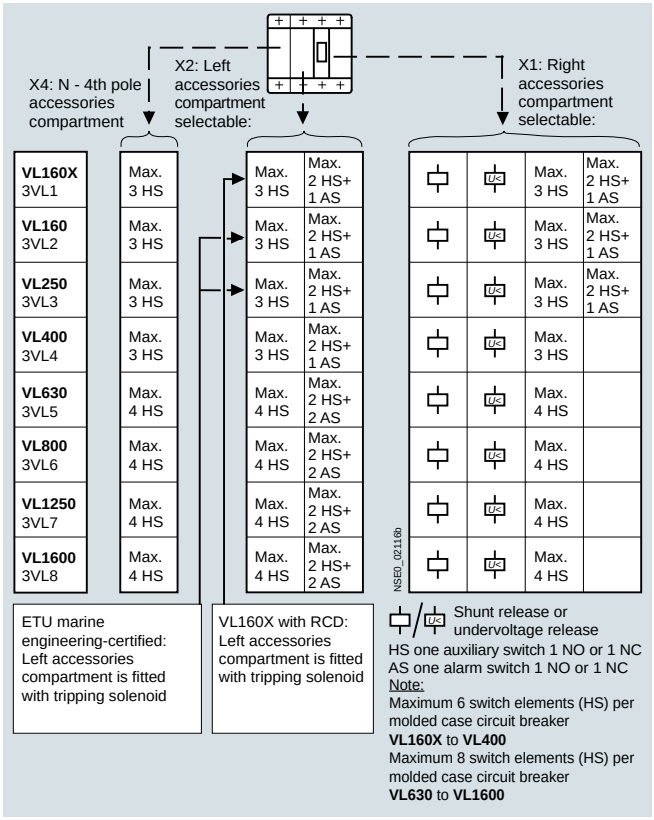
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Equipment options for the insulated accessory compartments in the 3VL molded case circuit breakers

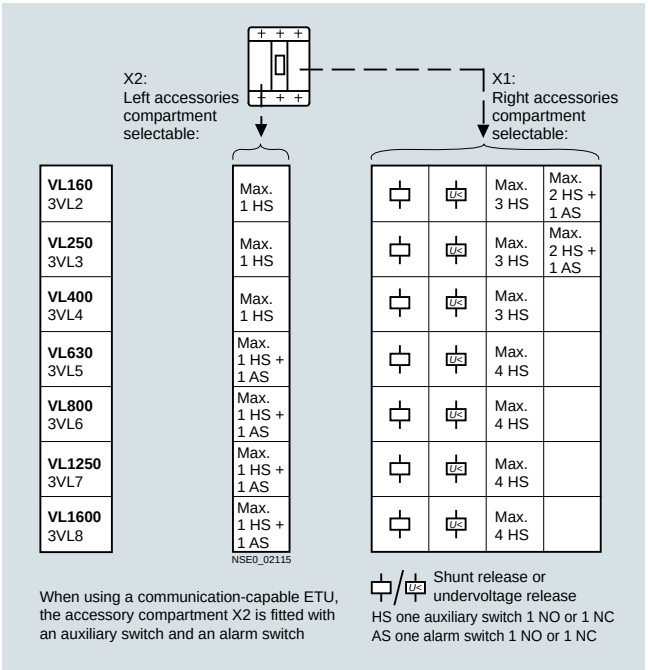
3-pole circuit breakers without communication preparation



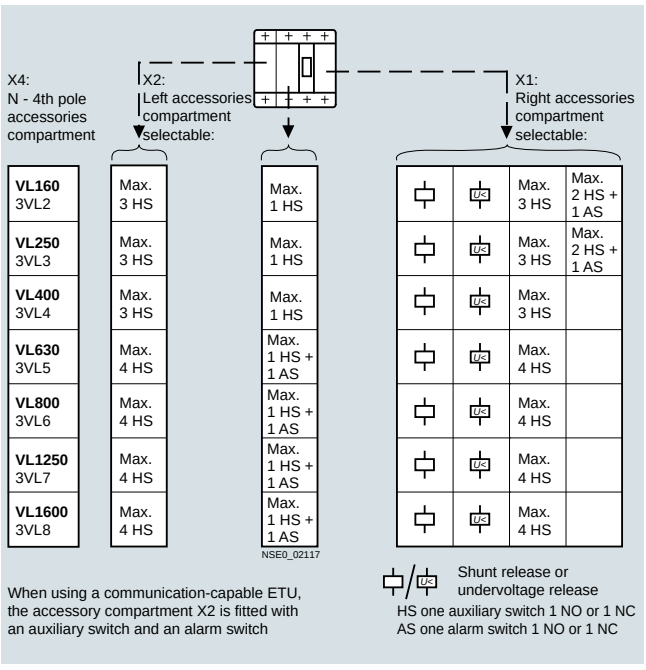
4-pole circuit breakers without communication preparation



3-pole circuit breakers with communication preparation



4-pole circuit breakers with communication preparation



Note:

Before ordering, use the tables above to check whether the required combination of shunt releases, undervoltage releases and auxiliary/alarm switches is feasible.

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Options

2

1st Article No. supplement:
Undervoltage or shunt release,
wiring directly to accessories

Rated control supply voltage U_s/frequency		Article No. supplement		Circuit breakers Type	
50/60 Hz AC DC		**3VL ....-.....-** ☐☐	..	**VL160X to VL400/ 3VL1 to 3VL4** Additional price	**VL630 to VL1600/ 3VL5 to 3VL8** Additional price
3- or 4-pole					
Without auxiliary releases		**0**	**A**	**None**	**None**
With undervoltage release Right pole only					
V AC	V DC				
--	12	**2**	**N**	✓	✓
--	24	**2**	**P**	✓	✓
--	48	**2**	**U**	✓	✓
--	60	**2**	**V**	✓	✓
--	110 ... 127	**2**	**R**	✓	✓
--	220 ... 250	**2**	**S**	✓	✓
24	--	**2**	**D**	✓	✓
110 ... 127	--	**2**	**G**	✓	✓
220 ... 250	--	**2**	**H**	✓	✓
208	--	**2**	**M**	✓	✓
277	--	**2**	**Q**	✓	✓
380 ... 415	--	**2**	**J**	✓	✓
440 ... 480	--	**2**	**K**	✓	✓
500 ... 525	--	**2**	**L**	✓	✓
With shunt release Right pole only					
V AC	V DC				
24	24	**8**	**C**	✓	✓
--	48 ... 60	**8**	**J**	✓	✓
--	110 ... 127	**8**	**K**	✓	✓
--	220 ... 250	**8**	**Q**	✓	✓
48 ... 60	--	**8**	**M**	✓	✓
110 ... 127	--	**8**	**R**	✓	✓
208 ... 277	--	**8**	**T**	✓	✓
380 ... 600	--	**8**	**V**	✓	✓

2nd Article No. supplement:
Auxiliary switches (HS) and alarm switches (AS),
left/right pole,
wiring directly to accessories

Equipment	Article No. supplement		Circuit breakers Type	
HS = 1 NO or 1 NC contact block AS = 1 NO contact block	**3VL....-.....-** .. ☐☐		**VL160X to VL400[1]/ 3VL1 to 3VL4** Additional price	**VL630 to VL1600/ 3VL5 to 3VL8** Additional price
Without auxiliary/alarm switches	**A**	**0**	**None**	**None**
2 HS (1 NO/1 NC)[2]	**B**	**1**	✓ [1)4)]	--
4 HS (2 NO/2 NC)	**C**	**1**	--	✓
2 HS (1 NO/1 NC) + 1 AS (1 NO)	**D**	**1**	✓ [1)4)]	--
2 HS (1 NO/1 NC) + 1 AS (1 NO)[3]	**E**	**1**	--	✓ [5)]

-- Not available

1) Except for installation in the left accessory compartment of the VL160X molded case circuit breakers with RCD module.

2) With mounting adapter up to 3 HS.

3) With mounting adapter up to 2 HS + 2 AS.

4) Not feasible for use of marine engineering ETU and additional use of shunt and undervoltage releases.
When using a communication-capable ETU, the accessory compartment X2 is fitted with an auxiliary switch and an alarm switch. The combination of 1st and 2nd Article No. supplement is only possible with restrictions. It is recommended to use the configurator in the Mall for selection purposes.

5) Not possible when using a communication-capable ETU.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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Selection and ordering data

When ordering, add **"-Z"** to the complete Article No. and add the relevant order code(s).		Article No. with **"-Z"** 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 **3VL** . . . . - . . . . . - . . . . **-Z** and additional order code(s) □□□ + . . . + . . . Code for further versions **-Z**	Additional price
For fixed-mounted circuit breakers (wired in factory)			
3- or 4-pole			
Prewired internal accessories Connecting cables (3 m long) brought out at the rear This option "L02" can be selected only in combination with internal accessories (page 2/268). Option not available for factory-fitted motorized operating mechanisms.	For VL160X to VL1600 (3VL1 to 3VL8)	**L 0 2**	✓
Motorized operating mechanisms with stored energy mechanisms for synchronization tasks (24 V DC) Motorized operating mechanisms not wired; if wiring for the motorized operating mechanism is wanted, please specify "L12" in addition. If internal accessories are provided, the prewiring option "L02" for internal accessories is already included. In this case "L02" must not be specified in addition.	Available with VL160X, VL160, VL250 (3VL1, 3VL2, 3VL3)	**M 2 4**	✓
	VL400 (3VL4)		✓
	VL630, VL800 (3VL5, 3VL6)		✓
	VL1250, VL1600 (3VL7, 3VL8)[1]		✓
Motorized operating mechanisms with stored energy mechanisms for synchronization tasks (42 ... 48 V AC/DC) Motorized operating mechanisms not wired; if wiring for the motorized operating mechanism is wanted, please specify "L12" in addition. If internal accessories are provided, the prewiring option "L02" for internal accessories is already included. In this case "L02" must not be specified in addition.	Available with VL160X, VL160, VL250 (3VL1, 3VL2, 3VL3)	**M 4 2**	✓
	VL400 (3VL4)		✓
	VL630, VL800 (3VL5, 3VL6)		✓
	VL1250, VL1600 (3VL7, 3VL8)[1]		✓
Motorized operating mechanisms with stored energy mechanisms for synchronization tasks (110 ... 127 V AC/DC) Motorized operating mechanisms not wired; if wiring for the motorized operating mechanism is wanted, please specify "L12" in addition. If internal accessories are provided, the prewiring option "L02" for internal accessories is already included. In this case "L02" must not be specified in addition.	Available with VL160X, VL160, VL250 (3VL1, 3VL2, 3VL3)	**M 1 1**	✓
	VL400 (3VL4)		✓
	VL630, VL800 (3VL5, 3VL6)		✓
	VL1250, VL1600 (3VL7, 3VL8)[1]		✓
Motorized operating mechanisms with stored energy mechanisms for synchronization tasks (220 ... 250 V AC/DC) Motorized operating mechanisms not wired; if wiring for the motorized operating mechanism is wanted, please specify "L12" in addition. If internal accessories are provided, the prewiring option "L02" for internal accessories is already included. In this case "L02" must not be specified in addition.	Available with VL160X, VL160, VL250 (3VL1, 3VL2, 3VL3)	**M 2 2**	✓
	VL400 (3VL4)		✓
	VL630, VL800 (3VL5, 3VL6)		✓
	VL1250, VL1600 (3VL7, 3VL8)[1]		✓

[1] The motorized operating mechanism for VL1250 and VL1600 (3VL7 and 3VL8) has no stored energy mechanism and is also unsuitable for synchronization tasks.

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Product discontinuation

Options

2

When ordering, add **"-Z"** to the complete Article No. and add the relevant order code(s).

Article No. with **"-Z"**
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
3VL . . . . - . . . . . - . . . . -Z
and additional order code(s)
□□□ + . . . + . . .

Code for further versions **-Z**

Additional price

For fixed-mounted circuit breakers (wired in factory)

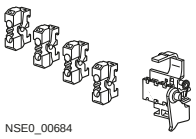
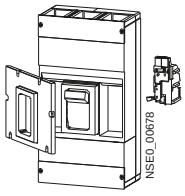
3- or 4-pole

Pre-mounted motorized operating mechanisms (24 V DC) on circuit breaker, not synchronizable If internal accessories are provided, the prewiring option "L02" for internal accessories is already included. In this case "L02" must not be specified in addition.	Available with VL160X (3VL1)	**M 2 5**	✓
	VL160, VL250 (3VL2, 3VL3)		✓
	VL400 (3VL4)		✓
	VL630, VL800 (3VL5, 3VL6)		✓
Pre-mounted motorized operating mechanisms (42 ... 60 V AC/DC) on circuit breaker, not synchronizable If internal accessories are provided, the prewiring option "L02" for internal accessories is already included. In this case "L02" must not be specified in addition.	Available with VL160X (3VL1)	**M 4 3**	✓
	VL160, VL250 (3VL2, 3VL3)		✓
	VL400 (3VL4)		✓
	VL630, VL800 (3VL5, 3VL6)		✓
Pre-mounted motorized operating mechanisms (110 ... 127 V AC/DC) on circuit breaker, not synchronizable If internal accessories are provided, the prewiring option "L02" for internal accessories is already included. In this case "L02" must not be specified in addition.	Available with VL160X (3VL1)	**M 1 2**	✓
	VL160, VL250 (3VL2, 3VL3)		✓
	VL400 (3VL4)		✓
	VL630, VL800 (3VL5, 3VL6)		✓
Pre-mounted motorized operating mechanisms (220 ... 250 V AC/DC) on circuit breaker, not synchronizable If internal accessories are provided, the prewiring option "L02" for internal accessories is already included. In this case "L02" must not be specified in addition.	Available with VL160X (3VL1)	**M 2 3**	✓
	VL160, VL250 (3VL2, 3VL3)		✓
	VL400 (3VL4)		✓
	VL630, VL800 (3VL5, 3VL6)		✓

Minimum order quantity (PS) or a multiple thereof can be ordered.

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Selection and ordering data

	Wiring directly to accessories	SD	For VL160X to VL400 (3VL1 to 3VL4) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Auxiliary switches and auxiliary releases							
	3- or 4-pole						
	For retrofitting (for equipment options, see Technical Information at www.siemens.com/lowvoltage/product-support.)						
 NSE0_00684 3VL9400-2A.00	**Auxiliary switches (HS) and alarm switches (AS)** For retrofitting						
	Assembly kits / Mounting side						
	2 HS (1 NO + 1 NC) / N, left[1], right		**3VL9400-2AB00**		1	1 unit	1CC
	4 HS (2 NO + 2 NC) / N, left[1], right		**--**				
	2 HS (1 NC + 1 NO) / left[1], right[3]		**3VL9400-2AD00**		1	1 unit	1CC
	+ 1 AS (1 NO) (assembly kit) / left[1]		**--**				
	Additional auxiliary switch/alarm switch combinations		See page 2/273.				
 NSE0_00678 3VL9400-1S.00, 3VL9400-1U.00	**Shunt releases[2]** For retrofitting						
	V AC / V DC / Mounting side						
	24 / 24 / Right pole only		**3VL9400-1SC00**		1	1 unit	1CC
	-- / 48 ... 60 / Right pole only		**3VL9400-1SJ00**		1	1 unit	1CC
	-- / 110 ... 127 / Right pole only		**3VL9400-1SK00**		1	1 unit	1CC
	-- / 220 ... 250 / Right pole only		**3VL9400-1SQ00**		1	1 unit	1CC
	48 ... 60 / -- / Right pole only		**3VL9400-1SM00**		1	1 unit	1CC
	110 ... 127 / -- / Right pole only		**3VL9400-1SR00**		1	1 unit	1CC
	208 ... 277 / -- / Right pole only		**3VL9400-1ST00**		1	1 unit	1CC
	380 ... 600 / -- / Right pole only		**3VL9400-1SV00**		1	1 unit	1CC
	Undervoltage releases For retrofitting						
	V AC / V DC / Mounting side						
	-- / 12 / Right pole only		**3VL9400-1UN00**		1	1 unit	1CC
	-- / 24 / Right pole only		**3VL9400-1UP00**		1	1 unit	1CC
	-- / 48 / Right pole only		**3VL9400-1UU00**		1	1 unit	1CC
	-- / 60 / Right pole only		**3VL9400-1UV00**		1	1 unit	1CC
	24 / -- / Right pole only		**3VL9400-1UD00**		1	1 unit	1CC
	110 ... 127 / -- / Right pole only		**3VL9400-1UG00**		1	1 unit	1CC
	-- / 110 ... 127 / Right pole only		**3VL9400-1UR00**		1	1 unit	1CC
	208 / -- / Right pole only		**3VL9400-1UM00**		1	1 unit	1CC
	220 ... 250 / -- / Right pole only		**3VL9400-1UH00**		1	1 unit	1CC
	-- / 220 ... 250 / Right pole only		**3VL9400-1US00**		1	1 unit	1CC
	277 / -- / Right pole only		**3VL9400-1UQ00**		1	1 unit	1CC
	380 ... 415 / -- / Right pole only		**3VL9400-1UJ00**		1	1 unit	1CC
	440 ... 480 / -- / Right pole only		**3VL9400-1UK00**		1	1 unit	1CC
	500 ... 525 / -- / Right pole only		**3VL9400-1UL00**		1	1 unit	1CC
	Storage devices for shunt releases (208 ... 277 V AC/220 ... 250 V DC) Rated control supply voltage U_s 220 ... 240 V AC/220 ... 250 V DC						
	Storage time 5 min		**3WL9111-0BA14-0AA0**		1	1 unit	1CA

1) Except for installation in the left accessory compartment of the VL160X (3VL1) molded case circuit breakers with RCD module.

2) Shunt releases with disconnection contact (for ON/OFF position) not floating (see Technical Information at www.siemens.com/lowvoltage/product-support).

3) In the case of VL400 (3VL4): Unsuitable for mounting in the right accessory compartment. The 3VL9400-2AB00 assembly kit with auxiliary switches only is recommended.

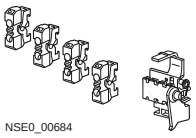
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		SD	For VL630 to VL1600 (3VL5 to 3VL8) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	Wiring directly to accessories	d					

Auxiliary switches and auxiliary releases

3- or 4-pole

For retrofitting (for equipment options, see Technical Information at www.siemens.com/lowvoltage/product-support.)



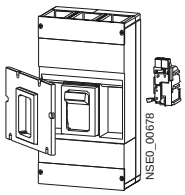
3VL9800-2A.00

Auxiliary switches (HS) and alarm switches (AS)
For retrofitting

Assembly kits	Mounting side				
2 HS (1 NO + 1 NC)	N, left, right	--			
4 HS (2 NO + 2 NC)	N, left, right	**3VL9800-2AC00**	1	1 unit	1CC
2 HS (1 NC + 1 NO)	Left, right	--			
+ 1 AS (1 NO) (assembly kit)	Left	**3VL9800-2AE00**	1	1 unit	1CC
Additional auxiliary switch/alarm switch combinations		See page 2/273.			

Shunt releases [1]
For retrofitting

V AC	V DC	Mounting side				
24	24	Right pole only	**3VL9800-1SC00**	1	1 unit	1CC
--	48 ... 60	Right pole only	**3VL9800-1SJ00**	1	1 unit	1CC
--	110 ... 127	Right pole only	**3VL9800-1SK00**	1	1 unit	1CC
--	220 ... 250	Right pole only	**3VL9800-1SQ00**	1	1 unit	1CC
48 ... 60	--	Right pole only	**3VL9800-1SM00**	1	1 unit	1CC
110 ... 127	--	Right pole only	**3VL9800-1SR00**	1	1 unit	1CC
208 ... 277	--	Right pole only	**3VL9800-1ST00**	1	1 unit	1CC
380 ... 600	--	Right pole only	**3VL9800-1SV00**	1	1 unit	1CC



3VL9800-1S.00,
3VL9800-1U.00

Undervoltage releases
For retrofitting

V AC	V DC	Mounting side				
--	12	Right pole only	**3VL9800-1UN00**	1	1 unit	1CC
--	24	Right pole only	**3VL9800-1UP00**	1	1 unit	1CC
--	48	Right pole only	**3VL9800-1UU00**	1	1 unit	1CC
--	60	Right pole only	**3VL9800-1UV00**	1	1 unit	1CC
24	--	Right pole only	**3VL9800-1UD00**	1	1 unit	1CC
110 ... 127	--	Right pole only	**3VL9800-1UG00**	1	1 unit	1CC
--	110 ... 127	Right pole only	**3VL9800-1UR00**	1	1 unit	1CC
208	--	Right pole only	**3VL9800-1UM00**	1	1 unit	1CC
220 ... 250	--	Right pole only	**3VL9800-1UH00**	1	1 unit	1CC
--	220 ... 250	Right pole only	**3VL9800-1US00**	1	1 unit	1CC
277	--	Right pole only	**3VL9800-1UQ00**	1	1 unit	1CC
380 ... 415	--	Right pole only	**3VL9800-1UJ00**	1	1 unit	1CC
440 ... 480	--	Right pole only	**3VL9800-1UK00**	1	1 unit	1CC
500 ... 525	--	Right pole only	**3VL9800-1UL00**	1	1 unit	1CC

Storage devices for shunt releases (208 ... 277 V AC/220 ... 250 V DC)
Rated control supply voltage U_s
220 ... 240 V AC/220 ... 250 V DC

Storage time 5 min	**3WL9111-0BA14-0AA0**	1	1 unit	1CA

[1] Shunt releases with disconnection contact (for ON/OFF position) not floating (see Technical Information at www.siemens.com/lowvoltage/product-support).

Minimum order quantity (PS) or a multiple thereof can be ordered.

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For circuit breakers Type	Maximum combination of auxiliary switches (HS) and alarm switches (AS)	SD d	Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
Adapters and contact blocks							
Mounting adapters for auxiliary and alarm switch combinations							
For installation in the N pole of the circuit breaker							
VL160X, VL160, VL250, VL400 (3VL1 to 3VL4)	Up to 3 HS[1]		**3VL9400-2AH00**		1	1 unit	1CC
	2 HS + 1 AS[1)2)]		**--**				
VL630, VL800, VL1250, VL1600 (3VL5 to 3VL8)	Up to 4 HS		**3VL9816-2AL00**		1	1 unit	1CC
	2 HS + 2 AS		**--**				
For installation in the left pole of the circuit breaker							
VL160X, VL160, VL250, VL400 (3VL1 to 3VL4)	Up to 3 HS[1]		**3VL9400-2AH00**		1	1 unit	1CC
	2 HS + 1 AS[1)2)]		**3VL9400-2AJ10**		1	1 unit	1CC
VL630, VL800, VL1250, VL1600 (3VL5 to 3VL8)	Up to 4 HS		**3VL9816-2AL00**		1	1 unit	1CC
	2 HS + 2 AS		**3VL9816-2AN10**		1	1 unit	1CC
For installation in the right pole of the circuit breaker							
VL160X, VL160, VL250, VL400 (3VL1 to 3VL4)[2)]	Up to 3 HS[1]		**3VL9400-2AH00**		1	1 unit	1CC
	2 HS + 1 AS[1)2)]		**3VL9400-2AJ20**		1	1 unit	1CC
VL630, VL800, VL1250, VL1600 (3VL5 to 3VL8)	Up to 4 HS		**3VL9816-2AL00**		1	1 unit	1CC
	2 HS + 2 AS		**--**				

1) Except for installation in the left pole for VL160X (3VL1) molded case circuit breakers with RCD module.

2) In the case of VL400: 3VL9400-2AJ20 unsuitable for mounting in the right accessory compartment.

For auxiliary switches (HS) and alarm switches (AS)	SD d	Circuit breakers Type **VL160X to VL1600 (3VL1 to 3VL8)** Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
Contact blocks for auxiliary switch and alarm switch combinations *NEW*						
1 NO		**3VL9800-2AJ00**		1	1 unit	1CC
1 NC		**3VL9800-2AK00**		1	1 unit	1CC

For auxiliary switch or alarm switch combinations not included in the kits provided as standard, the mounting adapters specified can be ordered separately together with the required contact blocks:
1 HS or 1 AS with NO contact 3VL9800-2AJ00
1 HS or 1 AS with NC contact 3VL9800-2AK00

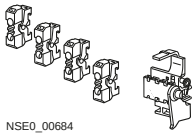
Note:

The products 3VL9800-2AJ00 and 3VL9800-2AK00 will be available at the latest from January 2019.

Note:

A maximum of 6 contact blocks (HS) per circuit breaker (VL160X, VL160, VL250, VL400; 3VL1 to 3VL4) and a maximum of 8 contact blocks (HS) per circuit breaker (VL630, VL800, VL1250, VL1600; 3VL5 to 3VL8) are possible.

Four 3VL9800-2AJ00 or 3VL9800-2AK00 auxiliary contact blocks and one mounting adapter (right), suitable for VL630, VL800, VL1250, VL1600 (3VL5 to 3VL8) circuit breakers.

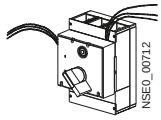


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For retrofitting/equipment options, see Technical Information at www.siemens.com/lowvoltage/product-support.

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	Version	SD	For VL160X to VL250 (3VL1 to 3VL3) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Manual operating mechanisms							
	3- or 4-pole						
 3VL9.00-3H.00	**Front-operated rotary operating mechanisms**[1] For direct mounting on the circuit breaker, without leading auxiliary switch, degree of protection IP30[2], black, max. 3 padlocks		**3VL9300-3HA00**		1	1 unit	1CC
	EMERGENCY STOP version						
	Red knob, yellow indicator plate		**3VL9300-3HC00**		1	1 unit	1CC
	For safety locks for installation by the customer, see pages 2/296 to 2/300.						
 3VL9300-3HE00	**Front-operated rotary operating mechanisms with shaft stub, without knob**[1] Without leading auxiliary switch, for auxiliary switches, see below.		**3VL9300-3HE00**		1	1 unit	1CC
 3VL9.00-3H.05	**Door-coupling rotary operating mechanisms, complete**[1] **Installation in doors and covers** Degree of protection IP65, including handle ti-gray, with masking plate, indicator plate, removable door coupling (die cast with reduced tolerance compensation), extension shaft (8 × 8 mm), length 300 mm and front-operated rotary operating mechanism for the respective circuit breaker, lockable with up to 3 padlocks, with door interlocking		**3VL9300-3HF05**		1	1 unit	1CC
	EMERGENCY STOP version						
	Red knob, yellow indicator plate, without leading auxiliary switch		**3VL9300-3HG05**		1	1 unit	1CC
	For safety locks for installation by the customer, see pages 2/296 to 2/300.						
 3VL9.00-3A.10	**Leading auxiliary switches for installation in a front-operated rotary operating mechanism, door-coupling rotary operating mechanism or side panel rotary operating mechanism** Standard or EMERGENCY STOP version						
	"OFF after ON" Leading auxiliary switches when switching on						
	1 changeover contact with 1.5 m long cables		**3VL9300-3AS10**		1	1 unit	1CC
	2 changeover contacts with 1.5 m long cables		**3VL9300-3AT10**		1	1 unit	1CC
	"ON after OFF" Leading auxiliary switches when switching off						
	1 changeover contact with 1.5 m long cables		**3VL9300-3AU10**		1	1 unit	1CC
	2 changeover contacts with 1.5 m long cables		**3VL9300-3AW10**		1	1 unit	1CC
	Side panel rotary operating mechanisms, complete[1] Degree of protection IP65, including black knob with masking plate, indicator plate, Bowden cable, lockable with up to 3 padlocks						
	- With 600 mm Bowden cable		**3VL9300-3HR10**		1	1 unit	1CC
	- With 1000 mm Bowden cable		**3VL9300-3HR20**		1	1 unit	1CC
	- With 1500 mm Bowden cable		**3VL9300-3HR30**		1	1 unit	1CC
	Side panel rotary operating mechanisms, complete[1] EMERGENCY STOP version Degree of protection IP65, including red knob with masking plate, yellow indicator plate, Bowden cable, lockable with up to 3 padlocks						
	- With 600 mm Bowden cable		**3VL9300-3HR11**		1	1 unit	1CC
	- With 1000 mm Bowden cable		**3VL9300-3HR21**		1	1 unit	1CC
	- With 1500 mm Bowden cable		**3VL9300-3HR31**		1	1 unit	1CC
	Retaining brackets, suitable for matching door-coupling rotary operating mechanisms, complete with locking device						
	Retaining bracket is mounted on the operating mechanism, recommended for extension shafts > 250 mm		**3VL9300-3HP02**		1	1 unit	1CC
	- For 6 mm shaft		**3VL9300-3HP00**		1	1 unit	1CC

Additional accessories and components for door-coupling rotary operating mechanisms, see 2/279.

[1] Not possible on VL160X with RCD module.

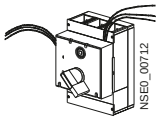
[2] IP40 with additional masking frame mounted on the door cut-out.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD d	For VL400 (3VL4) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG	SD d	For VL630 (3VL5) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	3VL9400-3HA00		1	1 unit	1CC		**3VL9600-3HA00**		1	1 unit	1CC
	3VL9400-3HC00		1	1 unit	1CC		**3VL9600-3HC00**		1	1 unit	1CC
	3VL9400-3HE00		1	1 unit	1CC		**3VL9600-3HE00**		1	1 unit	1CC
	3VL9400-3HF05		1	1 unit	1CC		**3VL9600-3HF05**		1	1 unit	1CC
	3VL9400-3HG05		1	1 unit	1CC		**3VL9600-3HG05**		1	1 unit	1CC
	3VL9400-3AS10		1	1 unit	1CC		**3VL9600-3AS10**		1	1 unit	1CC
	3VL9400-3AT10		1	1 unit	1CC		**3VL9600-3AT10**		1	1 unit	1CC
	3VL9400-3AU10		1	1 unit	1CC		**3VL9600-3AU10**		1	1 unit	1CC
	3VL9400-3AW10		1	1 unit	1CC		**3VL9600-3AW10**		1	1 unit	1CC
	3VL9400-3HR10		1	1 unit	1CC		**3VL9500-3HR10**		1	1 unit	1CC
	3VL9400-3HR20		1	1 unit	1CC		**3VL9500-3HR20**		1	1 unit	1CC
	3VL9400-3HR30		1	1 unit	1CC		**3VL9500-3HR30**		1	1 unit	1CC
	3VL9400-3HR11		1	1 unit	1CC		**3VL9500-3HR11**		1	1 unit	1CC
	3VL9400-3HR21		1	1 unit	1CC		**3VL9500-3HR21**		1	1 unit	1CC
	3VL9400-3HR31		1	1 unit	1CC		**3VL9500-3HR31**		1	1 unit	1CC
	3VL9400-3HP00		1	1 unit	1CC		**3VL9600-3HP00**		1	1 unit	1CC
	--						**--**				

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	Version	SD	For VL800 (3VL6) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Manual operating mechanisms							
	3- or 4-pole						
 3VL9.00-3H.00	**Front-operated rotary operating mechanisms** For direct mounting on the circuit breaker, without leading auxiliary switch, degree of protection IP30[1], black, max. 3 padlocks		**3VL9600-3HA00**		1	1 unit	1CC
	EMERGENCY STOP version Red knob, yellow indicator plate		**3VL9600-3HC00**		1	1 unit	1CC
	For safety locks for installation by the customer, see pages 2/296 to 2/300.						
 3VL9.00-3HE00	**Front-operated rotary operating mechanisms with shaft stub, without knob** Without leading auxiliary switch, for auxiliary switches, see below.		**3VL9600-3HE00**		1	1 unit	1CC
 3VL9.00-3H.05	**Door-coupling rotary operating mechanisms, complete Installation in doors and covers** Degree of protection IP65, including handle, ti-gray, with masking plate, indicator plate, removable door coupling (die cast, for VL800 (3VL6) with reduced tolerance compensation), extension shaft (8 × 8 mm for VL800 (3VL6), 12 × 12 mm for VL1250 (3VL7) and VL1600 (3VL8)), length 300 mm and front-operated rotary operating mechanism for the respective circuit breaker, lockable with max. 3 padlocks, with door interlocking		**3VL9600-3HF05**		1	1 unit	1CC
	EMERGENCY STOP version Red knob, yellow indicator plate without leading auxiliary switch		**3VL9600-3HG05**		1	1 unit	1CC
	For safety locks for installation by the customer, see pages 2/296 to 2/300.						
 3VL9.00-3A.10	**Leading auxiliary switches for installation in a front-operated rotary operating mechanism, door-coupling rotary operating mechanism** Standard or EMERGENCY STOP version						
	"OFF after ON" Leading auxiliary switches when switching on						
	1 changeover contact with 1.5 m long cables		**3VL9600-3AS10**		1	1 unit	1CC
	2 changeover contacts with 1.5 m long cables		**3VL9600-3AT10**		1	1 unit	1CC
	"ON after OFF" Leading auxiliary switches when switching off						
	1 changeover contact with 1.5 m long cables		**3VL9600-3AU10**		1	1 unit	1CC
	2 changeover contacts with 1.5 m long cables		**3VL9600-3AW10**		1	1 unit	1CC
	Retaining brackets, suitable for matching door-coupling rotary operating mechanisms, complete with locking device						
	Retaining bracket is mounted on the operating mechanism, recommended for extension shafts > 250 mm		**3VL9600-3HP00**		1	1 unit	1CC

Additional accessories and components for door-coupling rotary operating mechanism, see 2/279 and 2/281.

[1] IP40 with additional masking frame mounted on the door cut-out.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	For VL1250 to VL1600 (3VL7 and 3VL8)		PU (UNIT, SET, M)	PS	PG
d	Article No. www.siemens.com/product?Article No.	Price per PU			
	3VL9800-3HA00		1	1 unit	1CC
	3VL9800-3HC00		1	1 unit	1CC
	3VL9800-3HE00		1	1 unit	1CC
	3VL9800-3HF05		1	1 unit	1CC
	3VL9800-3HG05		1	1 unit	1CC
	3VL9800-3AS20		1	1 unit	1CC
	3VL9800-3AT20		1	1 unit	1CC
	3VL9800-3AU10		1	1 unit	1CC
	3VL9800-3AW10		1	1 unit	1CC
	3VL9800-3HP00		1	1 unit	1CC

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Motorized operating mechanisms

3- or 4-pole


3VL9.00-3M.00

Motorized operating mechanisms with stored energy mechanisms (SEO) for synchronization tasks[1)2)]
Degree of protection IP30, with locking device for 3 padlocks

50/60 Hz V AC	V DC	Version	SD d	Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		For VL160X to VL250 (3VL1 to 3VL3)						
--	24			**3VL9300-3MJ00**		1	1 unit	1CC
42 ... 48	42 ... 48			**3VL9300-3ML00**		1	1 unit	1CC
110 ... 127	110 ... 127			**3VL9300-3MN00**		1	1 unit	1CC
220 ... 250	220 ... 250			**3VL9300-3MQ00**		1	1 unit	1CC
		For VL400 (3VL4)						
50/60 Hz V AC	V DC							
--	24			**3VL9400-3MJ00**		1	1 unit	1CC
42 ... 48	42 ... 48			**3VL9400-3ML00**		1	1 unit	1CC
110 ... 127	110 ... 127			**3VL9400-3MN00**		1	1 unit	1CC
220 ... 250	220 ... 250			**3VL9400-3MQ00**		1	1 unit	1CC
		For VL630 and VL800 (3VL5 and 3VL6)						
50/60 Hz V AC	V DC							
--	24			**3VL9600-3MJ00**		1	1 unit	1CC
42 ... 48	42 ... 48			**3VL9600-3ML00**		1	1 unit	1CC
110 ... 127	110 ... 127			**3VL9600-3MN00**		1	1 unit	1CC
220 ... 250	220 ... 250			**3VL9600-3MQ00**		1	1 unit	1CC


3VL9.00-3M.10

Motorized operating mechanisms (MO)[1)]
Degree of protection IP30, with locking device for 3 padlocks

50/60 Hz V AC	V DC	Version	SD d	Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		For VL160X (3VL1)						
--	24			**3VL9100-3MA10**		1	1 unit	1CC
42 ... 60	42 ... 60			**3VL9100-3MC10**		1	1 unit	1CC
110 ... 127	110 ... 127			**3VL9100-3MD10**		1	1 unit	1CC
220 ... 250	220 ... 250			**3VL9100-3ME10**		1	1 unit	1CC
		For VL160 and VL250 (3VL2 and 3VL3)						
50/60 Hz V AC	V DC							
--	24			**3VL9300-3MA10**		1	1 unit	1CC
42 ... 60	42 ... 60			**3VL9300-3MC10**		1	1 unit	1CC
110 ... 127	110 ... 127			**3VL9300-3MD10**		1	1 unit	1CC
220 ... 250	220 ... 250			**3VL9300-3ME10**		1	1 unit	1CC
		For VL400 (3VL4)						
50/60 Hz V AC	V DC							
--	24			**3VL9400-3MA10**		1	1 unit	1CC
42 ... 60	42 ... 60			**3VL9400-3MC10**		1	1 unit	1CC
110 ... 127	110 ... 127			**3VL9400-3MD10**		1	1 unit	1CC
220 ... 250	220 ... 250			**3VL9400-3ME10**		1	1 unit	1CC
		For VL630 and VL800 (3VL5 and 3VL6)						
50/60 Hz V AC	V DC							
--	24			**3VL9600-3MA10**		1	1 unit	1CC
42 ... 60	42 ... 60			**3VL9600-3MC10**		1	1 unit	1CC
110 ... 127	110 ... 127			**3VL9600-3MD10**		1	1 unit	1CC
220 ... 250	220 ... 250			**3VL9600-3ME10**		1	1 unit	1CC
		For VL1250 and VL1600[2)] (3VL7 and 3VL8)						
50/60 Hz V AC	V DC							
--	24			**3VL9800-3MJ00**		1	1 unit	1CC
42 ... 48	42 ... 48			**3VL9800-3ML00**		1	1 unit	1CC
110 ... 127	110 ... 127			**3VL9800-3MN00**		1	1 unit	1CC
220 ... 250	220 ... 250			**3VL9800-3MQ00**		1	1 unit	1CC

Handle lever extension

Handle lever extension	For VL400 to VL1600 (3VL4 to 3VL8)				
• For VL400 (3VL4)	**3VL9400-3HN00**		1	1 unit	1CC
• For VL630 and VL800 (3VL5 and 3VL6)	**3VL9600-3HN00**		1	1 unit	1CC
• For VL1250 and VL1600 (3VL7 and 3VL8)	**3VL9800-3HN00**		1	1 unit	1CC

1) Not possible on VL160X with RCD module.
2) For safety lock as an assembly kit for retrofitting, see pages 2/296 to 2/300.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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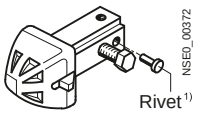
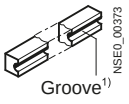
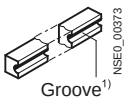
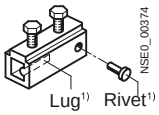
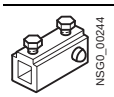
Individual parts for 8UC door-coupling rotary operating mechanisms[2]

	Switching devices	Rotary operating mechanisms	Size	Cross-section of the actuating shaft	Version[1]	SD	Individual parts for 8UC7 door-coupling rotary operating mechanisms	PU (UNIT, SET, M)	PS	PG
	Type	Type		mm × mm		d	Article No. www.siemens.com/product?Article No. Price per PU			
	Handles with masking plate (including flat gasket and fixing screws)									
 8UC7110-6BD	3VL1, 3VL2, 3VL3	8UC71	1	6 × 6 or 8 × 8	Standard EMERGENCY STOP		**8UC7110-6BD** **8UC7120-8BD**	1 1	1 unit 1 unit	1CL 1CL
 8UC7210-6BD	3VL4, 3VL5, 3VL6	8UC72	2	8 × 8	Standard EMERGENCY STOP		**8UC7210-6BD** **8UC7220-8BD**	1 1	1 unit 1 unit	1CL 1CL
 8UC7310-6BD	3VL7, 3VL8	8UC73	3	12 × 12	Standard EMERGENCY STOP		**8UC7310-6BD** **8UC7320-8BD**	1 1	1 unit 1 unit	1CL 1CL

[1] Standard: Ti-gray handle, light-gray masking plate; EMERGENCY STOP: red handle, yellow masking plate.

[2] Cannot be used for side panel rotary operating mechanisms.

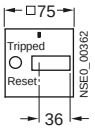
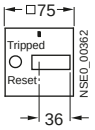
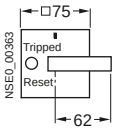
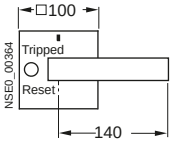
Individual parts for 8UC door-coupling rotary operating mechanisms

	Rotary operating mechanisms	Cross-section of the actuating shaft	SD	Individual parts for 8UC6 door-coupling rotary operating mechanisms	PU (UNIT, SET, M)	PS	PG
	Type	mm × mm	d	Article No. www.siemens.com/product?Article No. Price per PU			
 8UC6014	**Coupling drivers for 3VL**						
	8UC71 (plastic)	6 × 6		**8UC7011-2AA**	1	1 unit	1CL
	8UC71/8UC72[2] (die cast)	8 × 8		**8UC6017-2AA**	1	1 unit	1CL
	8UC73/74 (die cast)	12 × 12		**8UC6014**	1	1 unit	1CL
 8UC6031	**Extension shafts 300 mm long**						
	8UC71	6 × 6		**8UC6031**	1	1 unit	1CL
	8UC71/8UC72	8 × 8		**8UC6032**	1	1 unit	1CL
	8UC73	10 × 10		**8UC6033**	1	1 unit	1CL
	8UC73/74	12 × 12		**8UC6034**	1	1 unit	1CL
 8UC6081	**Extension shafts 600 mm long**						
	8UC71	6 × 6		**8UC6081**	1	1 unit	1CL
	8UC71/8UC72	8 × 8		**8UC6082**	1	1 unit	1CL
	8UC73	10 × 10		**8UC6083**	1	1 unit	1CL
	8UC73/74	12 × 12		**8UC6084**	1	1 unit	1CL
 8UC6021 to 8UC6024	**Shaft couplings**						
	8UC71	6 × 6		**8UC6021**	1	1 unit	1CL
	8UC72	8 × 8		**8UC6022**	1	1 unit	1CL
	8UC73	10 × 10		**8UC6023**	1	1 unit	1CL
	8UC73/74	12 × 12		**8UC6024**	1	1 unit	1CL
 8UC7058	**Reducers**						
	8UC71	8 × 8 to 6 × 6		**8UC7058**	1	1 unit	1CL
	8UC72	12 × 12 to 8 × 8		**8UC7050**	1	1 unit	1CL

[1] Non-interchangeability features.

[2] Shortened coupling driver with reduced tolerance compensation.

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	Switching devices	Rated current	Cross-section of the actuating shaft	Torque	Rotary operating mecha-nisms	Illustrated: Handle, masking plate
	Type	A	mm	Nm	Size	
8UC door-coupling rotary operating mechanisms						
8UC71 - 3VL circuit breakers						
	3VL1	16 ... 160	6 × 6	4	1	
	3VL2	50 ... 160	6 × 6	4		
	3VL3	200... 250	6 × 6	4		
	3VL1	16 ... 160	8 × 8	4	1	
	3VL2	50 ... 160	8 × 8	4		
	3VL3	200... 250	8 × 8	4		
	(Supplied with door-coupling rotary operating mechanism, complete 3VL9 300-3H.05)					
8UC72 - 3VL circuit breakers						
	3VL4	200 ... 400	8 × 8	9	2	
	3VL5	315 ... 600	8 × 8	9		
	3VL6	320 ... 800	8 × 8	9		
8UC73 - 3VL circuit breakers						
	3VL7	400 ... 1250	12 × 12	25	3	
	3VL8	640 ... 1600	12 × 12	25		

1) Requires in addition a front-operated rotary operating mechanism with shaft stub for direct mounting to the circuit breaker. For ordering the complete operating mechanism, see pages 2/274 to 2/277.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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Version	SD	**Rotary operating mechanisms, complete**[1]		PU (UNIT, SET, M)	PS	PG	Individual parts of the rotary operating mechanism			
Standard: Ti-gray handle, light gray masking plate; EMERGENCY STOP: Red handle, yellow masking plate		Article No. www.siemens.com/product?Article No.	Price per PU				Handle with masking plate	Coupling drivers	Extension shaft (length 300 mm)	Reducer/ shaft coupling
	d						Article No.	Article No.	Article No.	Article No.
								☐ 6 mm	**☐ 6 mm**	**☐ 8 mm by 6 mm**
Standard		**8UC7111-6BD15**		1	1 unit	1CL	8UC7110-6BD	8UC7011-2AA	8UC6031	8UC7058
EMERGENCY STOP		**8UC7121-8BD15**		1	1 unit	1CL	8UC7120-8BD	8UC7011-2AA	8UC6031	8UC7058
(Coupling driver made of plastic)										
								☐ 8 mm	**☐ 8 mm**	**☐ 8 mm by 8 mm**
Standard		**8UC7162-6BD22**		1	1 unit	1CL	8UC7110-6BD	8UC6017-2AA	8UC6032	8UC6022
EMERGENCY STOP		**8UC7172-8BD22**		1	1 unit	1CL	8UC7120-8BD	8UC6017-2AA	8UC6032	8UC6022
(Die cast coupling driver with reduced tolerance compensation)										
								☐ 8 mm	**☐ 8 mm**	**☐ 12 mm by 8 mm**
Standard		**8UC7262-6BD26**		1	1 unit	1CL	8UC7210-6BD	8UC6017-2AA	8UC6032	8UC7050
EMERGENCY STOP		**8UC7262-8BD26**		1	1 unit	1CL	8UC7220-8BD	8UC6017-2AA	8UC6032	8UC7050
(Die cast coupling driver with reduced tolerance compensation)										
								☐ 12 mm	**☐ 12 mm**	**☐ 12 mm by 12 mm**
Standard		**8UC7314-6BD44**		1	1 unit	1CL	8UC7310-6BD	8UC6014	8UC6034	8UC6024
EMERGENCY STOP		**8UC7324-8BD44**		1	1 unit	1CL	8UC7320-8BD	8UC6014	8UC6034	8UC6024
(Die cast coupling driver)										

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	Version	SD	For VL160X (3VL1) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Plug-in versions/withdrawable versions							
	3- or 4-pole						
 3VL9.00-4PA30	**Plug-in base assembly kits** Base, blade contacts for circuit breakers, terminal covers for degree of protection IP20, fixing screws, trip pin						
	Rear connections						
	3-pole		**3VL9100-4PA30**		1	1 unit	1CC
	4-pole		**3VL9100-4PA40**		1	1 unit	1CC
	Front connections						
	3-pole		**3VL9100-4PC30**		1	1 unit	1CC
	4-pole		**3VL9100-4PC40**		1	1 unit	1CC
 3VL9.00-4WA30	**Withdrawable versions** Same as plug-in base assembly kit, with additional side panels and racking mechanism						
	Rear connections						
	3-pole		--				
	4-pole		--				
	Front connections						
	3-pole		--				
	4-pole		--				
	Blade contacts As replacement for converting fixed-mounted circuit breakers into plug-in/withdrawable circuit breakers, including trip pin						
	1 set = 6 units 3-pole		**3VL9100-4PS30**		1	1 unit	1CC
	1 set = 8 units 4-pole		**3VL9100-4PS40**		1	1 unit	1CC
	Trip pins and springs						
	As replacement for plug-in/withdrawable circuit breaker		**3VL9100-4PF00**		1	1 unit	1CC
	Auxiliary circuit plug connections for plug-in bases Accessory connections for plug-in circuit breakers (factory-wired connectors) and for plug-in bases or withdrawable version (coupling with screw terminal)		[1]				
	8 terminals		**3VL9300-4PJ00**		1	1 unit	1CC
 3VL9000-4WL00	**Position signaling switches** (connected/disconnected position) For plug-in/withdrawable base, 1 changeover contact, max. 2 signaling switches possible		**3VL9000-4WL00**		1	1 unit	1CC

[1] It is recommended to use a maximum of 2 auxiliary circuit plug-in systems per circuit breaker (16 terminals).

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD d	For VL160 (3VL2) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG	SD d	For VL250 (3VL3) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	3VL9200-4PA30		1	1 unit	1CC		**3VL9300-4PA30**		1	1 unit	1CC
	3VL9200-4PA40		1	1 unit	1CC		**3VL9300-4PA40**		1	1 unit	1CC
	3VL9200-4PC30		1	1 unit	1CC		**3VL9300-4PC30**		1	1 unit	1CC
	3VL9200-4PC40		1	1 unit	1CC		**3VL9300-4PC40**		1	1 unit	1CC
	3VL9200-4WA30		1	1 unit	1CC		**3VL9300-4WA30**		1	1 unit	1CC
	3VL9200-4WA40		1	1 unit	1CC		**3VL9300-4WA40**		1	1 unit	1CC
	3VL9200-4WC30		1	1 unit	1CC		**3VL9300-4WC30**		1	1 unit	1CC
	3VL9200-4WC40		1	1 unit	1CC		**3VL9300-4WC40**		1	1 unit	1CC
	3VL9200-4PS30		1	1 unit	1CC		**3VL9300-4PS30**		1	1 unit	1CC
	3VL9200-4PS40		1	1 unit	1CC		**3VL9300-4PS40**		1	1 unit	1CC
	3VL9300-4PF00		1	1 unit	1CC		**3VL9300-4PF00**		1	1 unit	1CC
	1)						**1)**				
	3VL9300-4PJ00		1	1 unit	1CC		**3VL9300-4PJ00**		1	1 unit	1CC
	3VL9000-4WL00		1	1 unit	1CC		**3VL9000-4WL00**		1	1 unit	1CC

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	Version	SD	For VL400 (3VL4) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Plug-in versions/withdrawable versions							
	3- or 4-pole						
 3VL9.00-4PA30	**Plug-in base assembly kits** Base, blade contacts for circuit breakers, terminal covers for degree of protection IP20, fixing screws, trip pin						
	Rear connections						
	3-pole		**3VL9400-4PA30**		1	1 unit	1CC
	4-pole		**3VL9400-4PA40**		1	1 unit	1CC
	Front connections						
	3-pole		**3VL9400-4PC30**		1	1 unit	1CC
	4-pole		**3VL9400-4PC40**		1	1 unit	1CC
 3VL9.00-4WA30	**Withdrawable versions** Same as plug-in base assembly kit, with additional side panels and racking mechanism						
	Rear connections[3]						
	3-pole		**3VL9400-4WA30**		1	1 unit	1CC
	4-pole		**3VL9400-4WA40**		1	1 unit	1CC
	Front connections						
	3-pole		**3VL9400-4WC30**		1	1 unit	1CC
	4-pole		**3VL9400-4WC40**		1	1 unit	1CC
	Blade contacts As replacement for converting fixed-mounted circuit breakers into plug-in/withdrawable circuit breakers, including trip pin						
	1 set = 6 units 3-pole		**3VL9400-4PS30**		1	1 unit	1CC
	1 set = 8 units 4-pole		**3VL9400-4PS40**		1	1 unit	1CC
	Trip pins and springs						
	As replacement for plug-in/withdrawable circuit breaker		**3VL9400-4PF00**		1	1 unit	1CC
	Auxiliary circuit plug connections for plug-in bases Accessory connections for plug-in circuit breakers (factory-wired connectors) and for plug-in bases or withdrawable version (coupling with screw terminal)		[2]				
	8 terminals		**3VL9400-4PJ00**		1	1 unit	1CC
 3VL9000-4WL00	**Position signaling switches** (connected/disconnected position) For plug-in/withdrawable base, 1 changeover contact, max. 2 signaling switches possible		**3VL9000-4WL00**		1	1 unit	1CC

[1] For 3-pole applications please use 4-pole withdrawable version with 4-pole RCD module and 4-pole circuit breaker.

[2] It is recommended to use a maximum of 3 auxiliary circuit plug-in systems per circuit breaker (24 terminals).

[3] With VL800 (3VL6) to VL1600 (3VL8) as vertical connection.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	For VL630 (3VL5)		PU (UNIT, SET, M)	PS	PG	SD	For VL800 (3VL6)		PU (UNIT, SET, M)	PS	PG
	Article No. www.siemens.com/product?Article No.	Price per PU					Article No. www.siemens.com/product?Article No.	Price per PU			
d						d					
	3VL9500-4PA30		1	1 unit	1CC		**--**				
	3VL9500-4PA40		1	1 unit	1CC		**--**				
	3VL9500-4PC30		1	1 unit	1CC		**--**				
	3VL9500-4PC40		1	1 unit	1CC		**--**				
	3VL9500-4WA30		1	1 unit	1CC		**3VL9600-4WA30**		1	1 unit	1CC
	3VL9500-4WA40		1	1 unit	1CC		**3VL9600-4WA40**		1	1 unit	1CC
	3VL9500-4WC30		1	1 unit	1CC		**3VL9600-4WC30**		1	1 unit	1CC
	3VL9500-4WC40		1	1 unit	1CC		**3VL9600-4WC40**		1	1 unit	1CC
	3VL9500-4PS30		1	1 unit	1CC		**3VL9600-4PS30**		1	1 unit	1CC
	3VL9500-4PS40		1	1 unit	1CC		**3VL9600-4PS40**		1	1 unit	1CC
	3VL9500-4PF00		1	1 unit	1CC		**3VL9600-4PF00**		1	1 unit	1CC
	2)						**2)**				
	3VL9600-4PJ00		1	1 unit	1CC		**3VL9600-4PJ00**		1	1 unit	1CC
	3VL9000-4WL00		1	1 unit	1CC		**3VL9000-4WL00**		1	1 unit	1CC

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	Version	SD	For VL1250 (3VL7) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Plug-in versions/withdrawable versions							
	3- or 4-pole						
 3VL9.00-4PA30	**Plug-in base assembly kits** Base, blade contacts for circuit breakers, terminal covers for degree of protection IP20, fixing screws, trip pin						
	Rear connections						
	3-pole		--				
	4-pole		--				
	Front connections						
	3-pole		--				
	4-pole		--				
	Withdrawable versions Same as plug-in base assembly kit, with additional side panels and racking mechanism						
 3VL9.00-4WA30	**Rear connections**[1]						
	3-pole		**3VL9800-4WA30**		1	1 unit	1CC
	4-pole		**3VL9800-4WA40**		1	1 unit	1CC
	Front connections						
	3-pole		**3VL9800-4WC30**		1	1 unit	1CC
	4-pole		**3VL9800-4WC40**		1	1 unit	1CC
	Blade contacts As replacement for converting fixed-mounted circuit breakers into plug-in/withdrawable circuit breakers, including trip pin						
	1 set = 6 units 3-pole		**3VL9800-4PS30**		1	1 unit	1CC
	1 set = 8 units 4-pole		**3VL9800-4PS40**		1	1 unit	1CC
	Trip pins and springs As replacement for plug-in/withdrawable circuit breaker		**3VL9800-4PF00**		1	1 unit	1CC
	Auxiliary circuit plug connections for plug-in bases Accessory connections for plug-in circuit breakers (factory-wired connectors) and for plug-in bases or withdrawable version (coupling with screw terminal)		[2]				
	8 terminals		**3VL9800-4PJ00**		1	1 unit	1CC
 3VL9000-4WL00	**Position signaling switches** (connected/disconnected position) For plug-in/withdrawable base, 1 changeover contact, max. 2 signaling switches possible		**3VL9000-4WL00**		1	1 unit	1CC

[1] With VL800 (3VL6) to VL1600 (3VL8) as vertical connection.

[2] It is recommended to use a maximum of 3 auxiliary circuit plug-in systems per circuit breaker (24 terminals).

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	For VL1600 (3VL8)		PU (UNIT, SET, M)	PS	PG
	Article No. www.siemens.com/product?Article No.	Price per PU			
d					
	--				
	--				
	--				
	--				
	3VL9800-4WA30		1	1 unit	1CC
	3VL9800-4WA40		1	1 unit	1CC
	3VL9800-4WC30		1	1 unit	1CC
	3VL9800-4WC40		1	1 unit	1CC
	3VL9800-4PS30		1	1 unit	1CC
	3VL9800-4PS40		1	1 unit	1CC
	3VL9800-4PF00		1	1 unit	1CC
	2)				
	3VL9800-4PJ00		1	1 unit	1CC
	3VL9000-4WL00		1	1 unit	1CC

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RCD modules



Molded case circuit breakers VL160X to VL400 with RCD module mounted below the circuit breaker

Circuit breakers for line protection, **only for TM, starters, disconnectors**	Rated current I_n	Residual currents I adjustable	Delay t_d adjustable	Rated operational voltage U_e	SD	Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	A	A	s	V AC	d					
3-pole										
VL160X (3VL1)		0.03	Instantaneous							
Bottom mounting[1)2)]	160	0.10	0.06	127 ... 480		**3VL9112-5GA30**		1	1 unit	1CC
VL160 (3VL2)	160	0.30	0.10	127 ... 480		**3VL9216-5GC30**		1	1 unit	1CC
		0.50	0.25	230 ... 690		**3VL9216-5GD30**		1	1 unit	1CC
VL250 (3VL3)	250	1.00	0.50	127 ... 480		**3VL9325-5GE30**		1	1 unit	1CC
		3.00	1.00	230 ... 690		**3VL9325-5GF30**		1	1 unit	1CC
VL400 (3VL4)	400			127 ... 480		--				
				230 ... 690		--				
4-pole										
VL160X (3VL1)		0.03	Instantaneous							
Bottom mounting[1)2)]	160	0.10	0.06	127 ... 480		**3VL9112-5GA40**		1	1 unit	1CC
VL160 (3VL2)	160	0.30	0.10	127 ... 480		**3VL9216-5GC40**		1	1 unit	1CC
		0.50	0.25	230 ... 690		**3VL9216-5GD40**		1	1 unit	1CC
VL250 (3VL3)	250	1.00	0.50	127 ... 480		**3VL9325-5GE40**		1	1 unit	1CC
		3.00	1.00	230 ... 690		**3VL9325-5GF40**		1	1 unit	1CC
VL400 (3VL4)	400			127 ... 480		**3VL9440-5GG40**		1	1 unit	1CC
				230 ... 690		**3VL9440-5GH40**		1	1 unit	1CC

Circuit breakers with RCD module



Circuit breakers for line protection, **only for TM, starters, disconnectors**	Rated current I_n	Residual currents I adjustable	Delay t_d adjustable	Rated operational voltage U_e	**3-pole circuit breakers** Article No. with **"-Z"** **3VL....-.D...-....-Z** and additional order code	Additional price	**4-pole circuit breakers** Article No. with **"-Z"** **3VL....-.E...-....-Z** and additional order code	Additional price
					☐☐☐ Code for further versions **-Z**		☐☐☐ Code for further versions **-Z**	
	A	A	s	V AC				
3 and 4-pole								
VL160X (3VL1)		0.03	Instantaneous					
(Bottom mounting)	160	0.10	0.06	127 ... 480	**A 0 1** [1)2)]	✓	**A 0 1** [1)2)]	✓
		0.30	0.10					
		0.50	0.25					
VL160 (3VL2)	160	1.00	0.50	127 ... 480	**A 0 1**	✓	**A 0 1**	✓
		3.00	1.00	230 ... 690	**A 0 2**	✓	**A 0 2**	✓
VL250 (3VL3)	250			127 ... 480	**A 0 1**	✓	**A 0 1**	✓
				230 ... 690	**A 0 2**	✓	**A 0 2**	✓
VL400 (3VL4)	400			127 ... 480	--		**A 0 1**	✓
				230 ... 690	--		**A 0 2**	✓

Residual current devices (MRCD)



Modular residual current devices (MRCD) monitor residual crrents in electrical systems and trip the molded case circuit breaker via an auxiliary release after an adjustable advance warning if the residual current exceeds a defined value.

See chapter "Monitoring Devices".

1) Only the right-hand accessory compartment and the N conductor (4-pole) accessory compartment can be used for the installation of accessories, see Technical Information at www.siemens.com/lowvoltage/product-support.

2) VL160X (3VL1) + RCD module cannot be combined with motorized operating mechanism, front operating mechanism, door-coupling rotary operating mechanism, locking device for toggle levers, screw terminal connections (3VL17..-....6-....) and Bowden cable interlocking.

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	Version		SD	For VL160X (3VL1) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
			d					
Connection parts for fixed-mounted circuit breakers[1]								
	3- or 4-pole							
	Front connecting bars[2] Phase barriers included.							
	Standard							
 3VL9216-4EC40	1 set = 3 units	3-pole		**3VL9216-4EC30**		1	1 unit	1CC
	1 set = 4 units	4-pole		**3VL9216-4EC40**		1	1 unit	1CC
	For increased pole spacing							
 3VL9216-4ED40	1 set = 3 units	3-pole		**3VL9216-4ED30**		1	1 unit	1CC
	1 set = 4 units	4-pole		**3VL9216-4ED40**		1	1 unit	1CC
	Rear connections							
 3VL9.00-4RA00, 3VL9.00-4RB00	Short connection (1 unit)			**3VL9100-4RA00**		1	1 unit	1CC
	Long connection (1 unit)			**3VL9100-4RB00**		1	1 unit	1CC
	Terminal kit (2 short + 1 long) 3-pole			**3VL9100-4RC30**		1	1 unit	1CC
	Terminal kit (2 short + 2 long) 4-pole			**3VL9100-4RF40**		1	1 unit	1CC
 3VL9.00-4RK00, 3VL9.00-4RL00	Short flat connection (1 unit)			**3VL9100-4RK00**		1	1 unit	1CC
	Long flat connection (1 unit)			**3VL9100-4RL00**		1	1 unit	1CC
	Flat connector kit (2 short + 1 long) 3-pole			**3VL9100-4RM30**		1	1 unit	1CC
	Flat connector kit (2 short + 2 long) 4-pole			**3VL9100-4RN40**		1	1 unit	1CC
 3VL9.00-4TC.0	**Box terminals** Connection for flexible flat copper busbar or cable, see Technical Information at www.siemens.com/lowvoltage/product-support.							
	1 set = 3 units			**3VL9100-4TC30**		1	1 unit	1CC
	1 set = 4 units			**3VL9100-4TC40**		1	1 unit	1CC
 3VL9.00-4TD.0	**Circular conductor terminals** Only for cables (Al or Cu), aluminum terminal (tinned)							
	1 set = 3 units			**3VL9100-4TD30**		1	1 unit	1CC
	1 set = 4 units			**3VL9100-4TD40**		1	1 unit	1CC
	Circular conductor terminals with terminal covers for cables (Al or Cu)							
	1 set = 3 units			**3VL9115-4TD30**		1	1 unit	1CC
	1 set = 4 units			**3VL9115-4TD40**		1	1 unit	1CC
	Auxiliary conductor terminals For box terminals/circular conductor terminals 1 set = 10 units			**3VL9200-3TN00**		1	1 unit	1CC
 3VL9...-4TA.0	**Terminals with screw connection - metric thread** With insulator (for rear) for use with busbars and cable lugs, see Technical Information at www.siemens.com/lowvoltage/product-support.							
	1 set = 3 units			**3VL9116-4TA30**		1	1 unit	1CC
	1 set = 4 units			**3VL9116-4TA40**		1	1 unit	1CC
 NSE0_00730 3VL9.00-8CB.0	**Connection covers (terminal covers) for circuit breakers** Degree of protection IP30 for main connections 1 set = 2 units							
	Extended	3-pole		**3VL9300-8CA30**		1	1 unit	1CC
	Standard	3-pole		**3VL9300-8CB30**		1	1 unit	1CC
	Extended	4-pole		**3VL9300-8CA40**		1	1 unit	1CC
	Standard	4-pole		**3VL9300-8CB40**		1	1 unit	1CC
 NSE0_00731 3VL9.00-8CE00	**Phase barriers for circuit breakers, fixed-mounted, plug-in or withdrawable versions** 1 set = 2 units			**3VL9300-8CE00**		1	1 unit	1CC

[1] For an overview of connectable connection parts, see page 2/219.

[2] Screw terminal connections are required for VL160X and VL160 molded case circuit breakers (3VL1 and 3VL2), see Technical Information at www.siemens.com/lowvoltage/product-support.

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	Version		SD	For VL160 (3VL2) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
			d					
Connection parts for fixed-mounted circuit breakers[1]								
	3- or 4-pole							
 3VL9216-4EC40	**Front connecting bars**[2] Phase barriers included.							
	Standard							
	1 set = 3 units	3-pole		**3VL9216-4EC30**		1	1 unit	1CC
	1 set = 4 units	4-pole		**3VL9216-4EC40**		1	1 unit	1CC
 3VL9216-4ED40	For increased pole spacing							
	1 set = 3 units	3-pole		**3VL9216-4ED30**		1	1 unit	1CC
	1 set = 4 units	4-pole		**3VL9216-4ED40**		1	1 unit	1CC
 3VL9.00-4R.00	**Rear connections**							
	Short connection (1 unit)			**3VL9200-4RA00**		1	1 unit	1CC
	Long connection (1 unit)			**3VL9200-4RB00**		1	1 unit	1CC
	Terminal kit (2 short + 1 long) 3-pole			**3VL9200-4RC30**		1	1 unit	1CC
	Terminal kit (2 short + 2 long) 4-pole			**3VL9200-4RF40**		1	1 unit	1CC
 3VL9.00-4R.00	Short flat connection (1 unit)			**3VL9200-4RK00**		1	1 unit	1CC
	Long flat connection (1 unit)			**3VL9200-4RL00**		1	1 unit	1CC
	Flat connector kit (2 short + 1 long) 3-pole			**3VL9200-4RM30**		1	1 unit	1CC
	Flat connector kit (2 short + 2 long) 4-pole			**3VL9200-4RN40**		1	1 unit	1CC
 3VL9.00-4TC.0	**Box terminal** Connection for flexible flat copper busbar or cable, see Technical Information at www.siemens.com/lowvoltage/product-support.							
	1 set = 3 units			**3VL9200-4TC30**		1	1 unit	1CC
	1 set = 4 units			**3VL9200-4TC40**		1	1 unit	1CC
 3VL9.00-4TD.0	**Circular conductor terminals** Only for cables (Al or Cu), aluminum terminal (tinned)							
	1 set = 3 units			**3VL9200-4TD30**		1	1 unit	1CC
	1 set = 4 units			**3VL9200-4TD40**		1	1 unit	1CC
	Circular conductor terminals with terminal covers for cables (Al or Cu)							
	1 set = 3 units			**3VL9215-4TD30**		1	1 unit	1CC
	1 set = 4 units			**3VL9215-4TD40**		1	1 unit	1CC
 3VL9.00-4TF.0	**Multiple feed-in terminal without terminal covers**							
	3 units (2 × 50 ... 120)			--				
	4 units (2 × 50 ... 120)			--				
	Multiple feed-in terminal with terminal covers							
	3 units (2 × 70 ... 300)			--				
	4 units (2 × 70 ... 300)			--				
	Auxiliary conductor terminals For box terminals/circular conductor terminals/multiple feed-in terminals 1 set = 10 units			**3VL9200-3TN00**		1	1 unit	1CC
 3VL9...-4TA.0	**Terminals with screw connection - metric thread** With insulator (for rear) for use with busbars and cable lugs, see Technical Information at www.siemens.com/lowvoltage/product-support.							
	1 set = 3 units			**3VL9216-4TA30**		1	1 unit	1CC
	1 set = 4 units			**3VL9216-4TA40**		1	1 unit	1CC
 NSE0_00730 3VL9.00-8CB.0	**Connection covers (terminal covers) for circuit breakers** Degree of protection IP30 for main connections 1 set = 2 units							
	Extended	3-pole		**3VL9300-8CA30**		1	1 unit	1CC
	Standard	3-pole		**3VL9300-8CB30**		1	1 unit	1CC
	Extended	4-pole		**3VL9300-8CA40**		1	1 unit	1CC
	Standard	4-pole		**3VL9300-8CB40**		1	1 unit	1CC
 NSE0_00731 3VL9.00-8CB.0	**Phase barriers for circuit breakers, fixed-mounted, plug-in or withdrawable versions**							
	1 set = 2 units			**3VL9300-8CE00**		1	1 unit	1CC

[1] For an overview of connectable connection parts, see page 2/219.

[2] Screw terminal connections are required for VL160X and VL160 molded case circuit breakers (3VL1 and 3VL2), see Technical Information at www.siemens.com/lowvoltage/product-support.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD d	For VL250 (3VL3) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG	SD d	For VL400 (3VL4) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	3VL9300-4EC30		1	1 unit	1CC		**3VL9400-4EC30**		1	1 unit	1CC
	3VL9300-4EC40		1	1 unit	1CC		**3VL9400-4EC40**		1	1 unit	1CC
	3VL9300-4ED30		1	1 unit	1CC		**3VL9400-4ED30**		1	1 unit	1CC
	3VL9300-4ED40		1	1 unit	1CC		**3VL9400-4ED40**		1	1 unit	1CC
	3VL9300-4RA00		1	1 unit	1CC		**3VL9400-4RA00**		1	1 unit	1CC
	3VL9300-4RB00		1	1 unit	1CC		**3VL9400-4RB00**		1	1 unit	1CC
	3VL9300-4RC30		1	1 unit	1CC		**3VL9400-4RC30**		1	1 unit	1CC
	3VL9300-4RF40		1	1 unit	1CC		**3VL9400-4RF40**		1	1 unit	1CC
	3VL9300-4RK00		1	1 unit	1CC		**3VL9400-4RK00**		1	1 unit	1CC
	3VL9300-4RL00		1	1 unit	1CC		**3VL9400-4RL00**		1	1 unit	1CC
	3VL9300-4RM30		1	1 unit	1CC		**3VL9400-4RM30**		1	1 unit	1CC
	3VL9300-4RN40		1	1 unit	1CC		**3VL9400-4RN40**		1	1 unit	1CC
	3VL9300-4TC30		1	1 unit	1CC		**3VL9400-4TC30**		1	1 unit	1CC
	3VL9300-4TC40		1	1 unit	1CC		**3VL9400-4TC40**		1	1 unit	1CC
	3VL9300-4TD30		1	1 unit	1CC		**3VL9400-4TD30**		1	1 unit	1CC
	3VL9300-4TD40		1	1 unit	1CC		**3VL9400-4TD40**		1	1 unit	1CC
	3VL9324-4TD30		1	1 unit	1CC		**--**				
	3VL9324-4TD40		1	1 unit	1CC		**--**				
	--						**3VL9400-4TF30**		1	1 unit	1CC
	--						**3VL9400-4TF40**		1	1 unit	1CC
	--						**3VL9460-4TF30**		1	1 unit	1CC
	--						**3VL9460-4TF40**		1	1 unit	1CC
	3VL9300-3TN00		1	1 unit	1CC		**3VL9400-3TN00**		1	1 unit	1CC
	3VL9300-4TA30		1	1 unit	1CC		**3VL9400-4TA30**		1	1 unit	1CC
	3VL9300-4TA40		1	1 unit	1CC		**3VL9400-4TA40**		1	1 unit	1CC
	3VL9300-8CA30		1	1 unit	1CC		**3VL9400-8CA30**		1	1 unit	1CC
	3VL9300-8CB30		1	1 unit	1CC		**3VL9400-8CB30**		1	1 unit	1CC
	3VL9300-8CA40		1	1 unit	1CC		**3VL9400-8CA40**		1	1 unit	1CC
	3VL9300-8CB40		1	1 unit	1CC		**3VL9400-8CB40**		1	1 unit	1CC
	3VL9300-8CE00		1	1 unit	1CC		**3VL9600-8CE00**		1	1 unit	1CC

Minimum order quantity (PS) or a multiple thereof can be ordered.

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	Version		SD	For VL630 (3VL5) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
			d					
Connection parts for fixed-mounted circuit breakers[1]								
	3- or 4-pole							
	Front connecting bars Phase barriers included.							
	Standard							
 3VL9500-4EC40	1 set = 3 units	3-pole		**3VL9500-4EC30**		1	1 unit	1CC
	1 set = 4 units	4-pole		**3VL9500-4EC40**		1	1 unit	1CC
	For increased pole spacing							
 3VL9500-4ED40	1 set = 3 units	3-pole		**3VL9500-4ED30**		1	1 unit	1CC
	1 set = 4 units	4-pole		**3VL9500-4ED40**		1	1 unit	1CC
 3VL9.00-4RG00	Flat connecting bar (1 unit)			**3VL9500-4RG00**		1	1 unit	1CC
	Flat connecting bars Set = 3 units, 3-pole			**3VL9500-4RH30**		1	1 unit	1CC
	Flat connecting bars Set = 4 units, 4-pole			**3VL9500-4RH40**		1	1 unit	1CC
 3VL9.00-4TG.0	**Multiple feed-in terminals** Only for cables (Al or Cu) Aluminum terminal (tinned)							
	1 set = 3 units			**3VL9500-4TG30**		1	1 unit	1CC
	1 set = 4 units			**3VL9500-4TG40**		1	1 unit	1CC
	Auxiliary conductor terminals For multiple feed-in terminals 1 set = 10 units			**3VL9400-3TN00**		1	1 unit	1CC
 3VL9.00-4TT.0	**Terminal plates**[2] Connection for flexible flat copper busbar with auxiliary conductor connection 0.5 – 4 mm^2 (extended terminal covers or phase barriers required)							
	1 set = 3 units			**3VL9500-4TT30**		1	1 unit	1CC
	1 set = 4 units			**3VL9500-4TT40**		1	1 unit	1CC
 3VL9.00-4TA.0	**Terminals with screw connection - metric thread** With insulator (for rear) for use with busbars and cable lugs, see Technical Information at www.siemens.com/lowvoltage/product-support.							
	1 set = 3 units			**3VL9500-4TA30**		1	1 unit	1CC
	1 set = 4 units			**3VL9500-4TA40**		1	1 unit	1CC
 3VL9.00-3CB.0	**Connection covers (terminal covers) for circuit breakers** Degree of protection IP30 for main connections 1 set = 2 units							
	Extended	3-pole		**3VL9600-8CA30**		1	1 unit	1CC
	Standard	3-pole		**3VL9600-8CB30**		1	1 unit	1CC
	Extended	4-pole		**3VL9600-8CA40**		1	1 unit	1CC
	Standard	4-pole		**3VL9600-8CB40**		1	1 unit	1CC
 3VL9.00-8CE00	**Phase barriers for circuit breakers, fixed-mounted, plug-in or withdrawable versions**[3]							
	1 set = 2 units			**3VL9600-8CE00**		1	1 unit	1CC

[1] For an overview of connectable connection parts, see page 2/219.

[2] Front connecting bars included in scope of supply; not for 690 V AC/600 V DC.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	For VL800 (3VL6)		PU (UNIT, SET, M)	PS	PG	SD	For VL1250 (3VL7)		PU (UNIT, SET, M)	PS	PG
d	Article No. www.siemens.com/product?Article No.	Price per PU				d	Article No. www.siemens.com/product?Article No.	Price per PU			
	3VL9600-4EC30		1	1 unit	1CC		**3VL9800-4EC30**		1	1 unit	1CC
	3VL9600-4EC40		1	1 unit	1CC		**3VL9800-4EC40**		1	1 unit	1CC
	3VL9600-4ED30		1	1 unit	1CC		**--**				
	3VL9600-4ED40		1	1 unit	1CC		**--**				
	3VL9600-4RG00		1	1 unit	1CC		**3VL9700-4RG00**		1	1 unit	1CC
	3VL9600-4RH30		1	1 unit	1CC		**3VL9700-4RH30**		1	1 unit	1CC
	3VL9600-4RH40		1	1 unit	1CC		**3VL9700-4RH40**		1	1 unit	1CC
	3VL9600-4TG30		1	1 unit	1CC		**3VL9700-4TG30**		1	1 unit	1CC
	3VL9600-4TG40		1	1 unit	1CC		**3VL9700-4TG40**		1	1 unit	1CC
	3VL9400-3TN00		1	1 unit	1CC		**3VL9400-3TN00**		1	1 unit	1CC
	--						**--**				
	--						**--**				
	3VL9600-4TA30		1	1 unit	1CC		**3VL9800-4TA30**		1	1 unit	1CC
	3VL9600-4TA40		1	1 unit	1CC		**3VL9800-4TA40**		1	1 unit	1CC
	3VL9600-8CA30		1	1 unit	1CC		**3VL9800-8CA30**		1	1 unit	1CC
	3VL9600-8CB30		1	1 unit	1CC		**3VL9800-8CB30**		1	1 unit	1CC
	3VL9600-8CA40		1	1 unit	1CC		**3VL9800-8CA40**		1	1 unit	1CC
	3VL9600-8CB40		1	1 unit	1CC		**3VL9800-8CB40**		1	1 unit	1CC
	3VL9600-8CE00		1	1 unit	1CC		**3VL9800-8CE00**		1	1 unit	1CC

[3] Plug-in versions: not for VL1250 (3VL7),
withdrawable versions: not for VL800 (3VL6) and VL1250 (3VL7).

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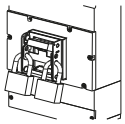
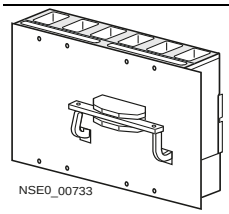
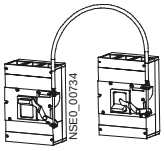
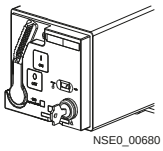


	Version		SD	For VL1600 (3VL8) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
			d					
Connection parts for fixed-mounted circuit breakers[1]								
	3- or 4-pole							
	Front connecting bars Phase barriers included.							
	Standard[2]							
 3VL9800-4EC40	1 set = 3 units	3-pole		**3VL9800-4EC30**		1	1 unit	1CC
	1 set = 4 units	4-pole		**3VL9800-4EC40**		1	1 unit	1CC
	For increased pole spacing							
 3VL9800-4ED40	1 set = 3 units	3-pole		--				
	1 set = 4 units	4-pole		--				
	Rear connections							
 3VL9.00-4RG00	Flat connecting bar (1 unit)			**3VL9800-4RG00**		1	1 unit	1CC
	Flat connecting bars Set = 3 units, 3-pole			**3VL9800-4RH30**		1	1 unit	1CC
	Flat connecting bars Set = 4 units, 4-pole			**3VL9800-4RH40**		1	1 unit	1CC
 3VL9.00-4TA.0	**Terminals with screw connection - metric thread** With insulator (for rear) for use with busbars and cable lugs, see Technical Information at www.siemens.com/lowvoltage/product-support.							
	1 set = 3 units			**3VL9800-4TA30**		1	1 unit	1CC
	1 set = 4 units			**3VL9800-4TA40**		1	1 unit	1CC
 NSE0_00730 3VL9.00-3CB.0	**Connection covers (terminal covers) for circuit breakers** Degree of protection IP30 for main connections 1 set = 2 units							
	Extended	3-pole		**3VL9800-8CA30**		1	1 unit	1CC
	Standard	3-pole		**3VL9800-8CB30**		1	1 unit	1CC
	Extended	4-pole		**3VL9800-8CA40**		1	1 unit	1CC
	Standard	4-pole		**3VL9800-8CB40**		1	1 unit	1CC
	Phase barriers for circuit breakers, fixed-mounted							
 NSE0_00731 3VL9.00-8CE00	1 set = 2 units			**3VL9800-8CE00**		1	1 unit	1CC

[1] For an overview of connectable connection parts, see page 2/219.
[2] In scope of supply of circuit breaker.

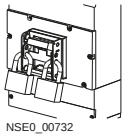
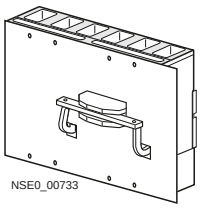
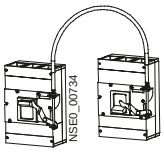
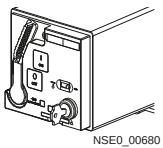
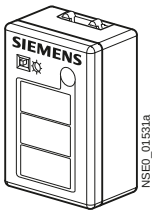
Minimum order quantity (PS) or a multiple thereof can be ordered.

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	Version	SD	For VL160X (3VL1) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Interlocks							
	3- or 4-pole						
 NSE0_00732 3VL9.00-3HL00	**Locking devices for toggle levers** For locking the circuit breaker in the "OFF" position. Up to 3 padlocks with a diameter of 5 – 8 mm can be used. Removable (padlocks not included)		**3VL9300-3HL00**		1	1 unit	1CC
 NSE0_00733 3VL9.00-8L.00	**Rear interlocking modules** For the mechanical interlocking of two adjacent circuit breakers. The circuit breakers must be of the same installation type and frame size. (Mounting plate not included in scope of supply)						
	Fixed-mounted circuit breakers		**3VL9300-8LC00**		1	1 unit	1CC
 NSE0_00734 3VL9.00-8LA00	**Interlocking modules for Bowden cable interlocking**[1] For the mechanical interlocking of two circuit breakers. Interlocking module for one circuit breaker		Combination with next size up possible (see Article No.) **3VL9300-8LA00**		1	1 unit	1CC
	Bowden cables for Bowden cable interlocking[1]						
	Cable length 0.5 m		**3VL9000-8LH10**		1	1 unit	1CC
	Cable length 1.0 m		**3VL9000-8LH20**		1	1 unit	1CC
	Cable length 1.5 m		**3VL9000-8LH30**		1	1 unit	1CC
 NSE0_00680 3VL9...-8HA00	**Safety lock assembly kits** Key can be removed with the circuit breaker in the "OFF" position For front-operated rotary operating mechanisms						
	Lock types						
	Ronis		**3VL9715-8HA00**		1	1 unit	1CC
	For motorized operating mechanism with stored energy mechanism						
	Lock types						
	Ronis		--				
	Filli Giussani		**3VL9321-8HA00**		1	1 unit	1CC
	Sets of fixing screws (metric thread) Including the screws, washers and nuts required to secure a 3 or 4-pole circuit breaker to a prepared surface						
	Set with 4 screws		**3VL9300-8SA40**		1	1 unit	1CC

[1] Two interlocking modules and one Bowden cable are required. Cannot be used in conjunction with motorized operating mechanism and withdrawable version!

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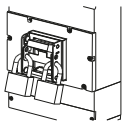
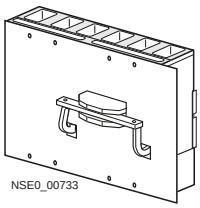
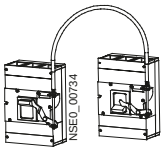
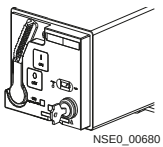
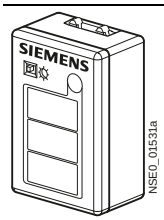
	Version	SD	For VL160 (3VL2) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Interlocks							
	3- or 4-pole						
 NSE0_00732 3VL9.00-3HL00	**Locking devices for toggle levers** For locking the circuit breaker in the "OFF" position. Up to 3 padlocks with a diameter of 5 – 8 mm can be used. Removable (padlocks not included)		**3VL9300-3HL00**		1	1 unit	1CC
 NSE0_00733 3VL9.00-8L.00	**Rear interlocking modules** For the mechanical interlocking of two adjacent circuit brakers. The circuit breakers must be of the same installation type and frame size. (Mounting plate not included in scope of supply) Fixed-mounted circuit breakers		**3VL9300-8LC00**		1	1 unit	1CC
 NSE0_00734 3VL9.00-8LA00	**Interlocking modules for Bowden cable interlocking**[1] For the mechanical interlocking of two circuit breakers.		Combinations with next size up/down possible (see Article No.)				
	Interlocking module for one circuit breaker		**3VL9300-8LA00**		1	1 unit	1CC
	Bowden cables for Bowden cable interlocking[1]						
	Cable length 0.5 m		**3VL9000-8LH10**		1	1 unit	1CC
	Cable length 1.0 m		**3VL9000-8LH20**		1	1 unit	1CC
	Cable length 1.5 m		**3VL9000-8LH30**		1	1 unit	1CC
 NSE0_00680 3VL9...-8HA00	**Safety lock assembly kits** Key can be removed with the circuit breaker in the "OFF" position For front-operated rotary operating mechanisms						
	Lock types						
	Ronis		**3VL9715-8HA00**		1	1 unit	1CC
	For motorized operating mechanism with stored energy mechanism						
	Lock types						
	Ronis		**--**				
	Filli Giussani		**3VL9321-8HA00**		1	1 unit	1CC
	Sets of fixing screws (metric thread) Including the screws, washers and nuts required to secure a 3 or 4-pole circuit breaker to a prepared surface						
	Set with 4 screws		**3VL9300-8SA40**		1	1 unit	1CC
 NSE0_01531a 3VL9000-8AP01	**Battery power supply for activating/parameterizing the LCD ETUs, with test function for all IEC and UL ETUs** (two 9 V blocks are required in addition)		**3VL9000-8AP01**		1	1 unit	1CC

[1] Two interlocking modules and one Bowden cable are required. Cannot be used in conjunction with motorized operating mechanism and withdrawable version!

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SD d	For VL250 (3VL3) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG	SD d	For VL400 (3VL4) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	3VL9300-3HL00		1	1 unit	1CC		**3VL9400-3HL00**		1	1 unit	1CC
	3VL9300-8LC00		1	1 unit	1CC		**3VL9400-8LC00**		1	1 unit	1CC
	3VL9300-8LA00		1	1 unit	1CC		**3VL9400-8LA00**		1	1 unit	1CC
	3VL9000-8LH10		1	1 unit	1CC		**--**				
	3VL9000-8LH20		1	1 unit	1CC		**3VL9000-8LH20**		1	1 unit	1CC
	3VL9000-8LH30		1	1 unit	1CC		**3VL9000-8LH30**		1	1 unit	1CC
	3VL9715-8HA00		1	1 unit	1CC		**3VL9715-8HA00**		1	1 unit	1CC
	--						**3VL9715-8HA00**		1	1 unit	1CC
	3VL9321-8HA00		1	1 unit	1CC		**--**				
	3VL9300-8SA40		1	1 unit	1CC		**3VL9500-8SA40**		1	1 unit	1CC
	3VL9000-8AP01		1	1 unit	1CC		**3VL9000-8AP01**		1	1 unit	1CC

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	Version	SD	For VL630 (3VL5) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Interlocks							
	3- or 4-pole						
 NSE0_00732 3VL9.00-3HL00	**Locking devices for toggle levers** For locking the circuit breaker in the "OFF" position. Up to 3 padlocks with a diameter of 5 – 8 mm can be used. Removable (padlocks not included)		**3VL9600-3HL00**		1	1 unit	1CC
 NSE0_00733 3VL9.00-8L.00	**Rear interlocking modules** For the mechanical interlocking of two adjacent circuit breakers. The circuit breakers must be of the same installation type and frame size. (Mounting plate not included in scope of supply) Fixed-mounted circuit breakers		**3VL9600-8LC00**		1	1 unit	1CC
 NSE0_00734 3VL9.00-8LA00	**Interlocking modules for Bowden cable interlocking**[1] For the mechanical interlocking of two circuit breakers.		Combinations with next size up/down possible (see Article No.)				
	Interlocking module for one circuit breaker		**3VL9600-8LA00**		1	1 unit	1CC
	Bowden cables for Bowden cable interlocking[1]						
	Cable length 0.5 m		**--**				
	Cable length 1.0 m		**3VL9000-8LH20**		1	1 unit	1CC
	Cable length 1.5 m		**3VL9000-8LH30**		1	1 unit	1CC
 NSE0_00680 3VL9...-8HA00	**Safety lock assembly kits** Key can be removed with the circuit breaker in the "OFF" position For front-operated rotary operating mechanisms						
	Lock types						
	Ronis		**3VL9715-8HA00**		1	1 unit	1CC
	For motorized operating mechanism with stored energy mechanism						
	Lock types						
	Ronis		**3VL9715-8HA00**		1	1 unit	1CC
	Filli Giussani		**--**				
	Sets of fixing screws (metric thread) Including the screws, washers and nuts required to secure a 3 or 4-pole circuit breaker to a prepared surface						
	Set with 4 screws		**3VL9500-8SA40**		1	1 unit	1CC
 NSE0_01531a 3VL9000-8AP01	**Battery power supply for activating/parameterizing the LCD ETUs, with test function for all IEC and UL ETUs** (two 9 V blocks are required in addition)		**3VL9000-8AP01**		1	1 unit	1CC

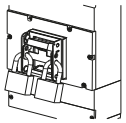
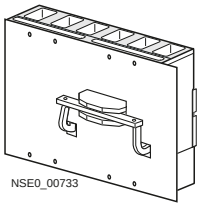
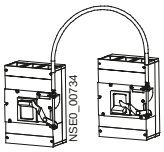
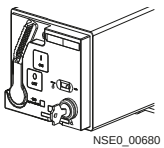
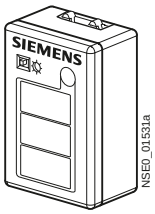
[1] Two interlocking modules and one Bowden cable are required. Cannot be used in conjunction with motorized operating mechanism and withdrawable version!

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD d	For VL800 (3VL6) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG	SD d	For VL1250 (3VL7) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	3VL9600-3HL00		1	1 unit	1CC		**3VL9800-3HL00**		1	1 unit	1CC
	3VL9600-8LC00		1	1 unit	1CC		**3VL9800-8LC00**		1	1 unit	1CC
	3VL9600-8LA00		1	1 unit	1CC		**3VL9800-8LA00**		1	1 unit	1CC
	--						**--**				
	3VL9000-8LH20		1	1 unit	1CC		**--**				
	3VL9000-8LH30		1	1 unit	1CC		**3VL9000-8LH30**		1	1 unit	1CC
	3VL9715-8HA00		1	1 unit	1CC		**3VL9715-8HA00**		1	1 unit	1CC
	3VL9715-8HA00		1	1 unit	1CC		**3VL9715-8HA00**		1	1 unit	1CC
	--						**--**				
	3VL9600-8SA40		1	1 unit	1CC		**3VL9800-8SA40**		1	1 unit	1CC
	3VL9000-8AP01		1	1 unit	1CC		**3VL9000-8AP01**		1	1 unit	1CC

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	Version	SD	For VL1600 (3VL8) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Interlocks							
	3- or 4-pole						
 NSE0_00732 3VL9.00-3HL00	**Locking devices for toggle levers** For locking the circuit breaker in the "OFF" position. Up to 3 padlocks with a diameter of 5 – 8 mm can be used. Removable (padlocks not included)		**3VL9800-3HL00**		1	1 unit	1CC
 NSE0_00733 3VL9.00-8L.00	**Rear interlocking modules** For the mechanical interlocking of two adjacent circuit breakers. The circuit breakers must be of the same installation type and frame size. Circuit breakers, fixed-mounted[1]		**3VL9800-8LC00**		1	1 unit	1CC
 NSE0_00734 3VL9.00-8LA00	**Interlocking modules for Bowden cable interlocking[2]** For the mechanical interlocking of two circuit breakers. Interlocking module for one circuit breaker		**3VL9800-8LA00**		1	1 unit	1CC
	Bowden cables for Bowden cable interlocking[2]						
	Cable length 0.5 m		--				
	Cable length 1.0 m		--				
	Cable length 1.5 m		**3VL9000-8LH30**		1	1 unit	1CC
 NSE0_00680 3VL9...-8HA00	**Safety lock assembly kits** Key can be removed with the circuit breaker in the "OFF" position						
	For front-operated rotary operating mechanisms						
	Lock types						
	Ronis		**3VL9715-8HA00**		1	1 unit	1CC
	For motorized operating mechanisms						
	Lock types						
	Ronis		**3VL9715-8HA00**		1	1 unit	1CC
	Filli Giussani		--				
	Sets of fixing screws (metric thread) Including the screws, washers and nuts required to secure a 3 or 4-pole circuit breaker to a prepared surface						
	Set with 4 screws		**3VL9800-8SA40**		1	1 unit	1CC
 NSE0_01531a 3VL9000-8AP01	**Battery power supply for activating/parameterizing the LCD ETUs, with test function for all IEC and UL ETUs** (two 9 V blocks are required in addition)		**3VL9000-8AP01**		1	1 unit	1CC

1) Mounting plate not included in scope of supply.

2) Two interlocking modules and one Bowden cable are required. Cannot be used in conjunction with motorized operating mechanism and withdrawable version!

Minimum order quantity (PS) or a multiple thereof can be ordered.

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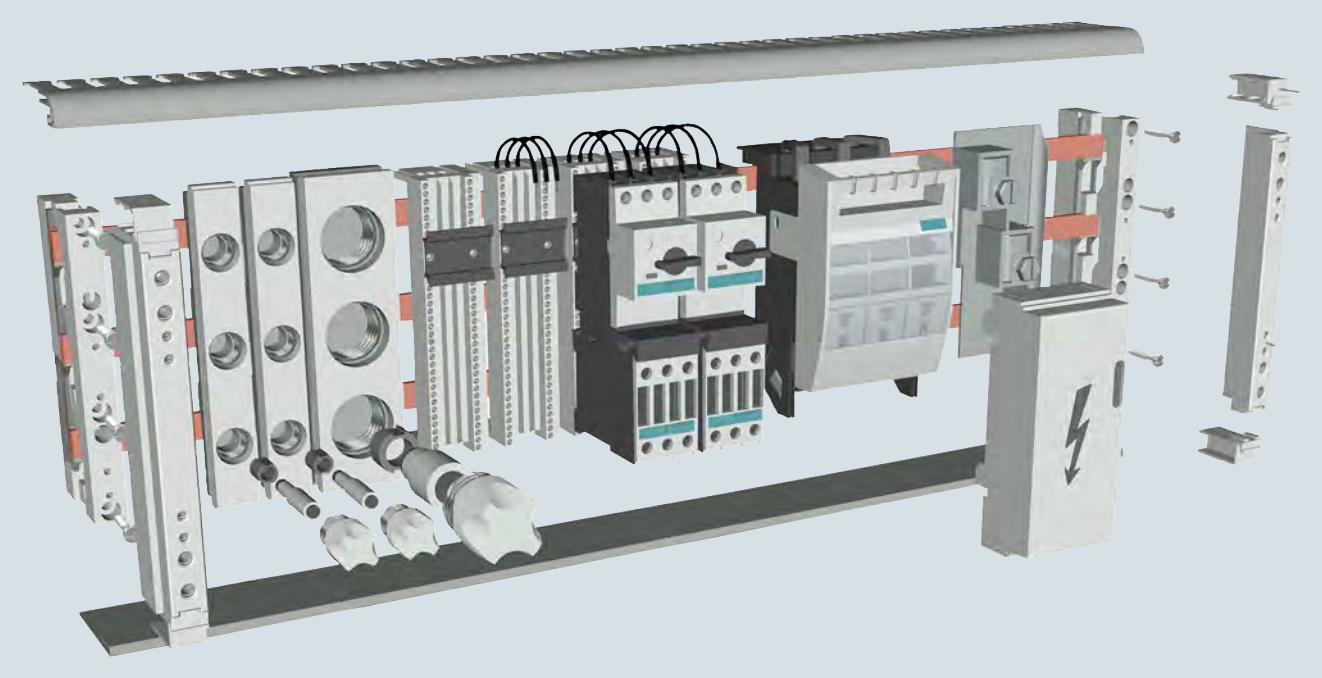
Transfer control devices



3KC ATC6300 and ATC3100 transfer control devices. For combination with two air circuit breakers/molded case circuit breakers for changeover according to 60947-6-1.

For more information, see chapter "Transfer Switching Equipment and Load Transfer Switches".

Busbar systems



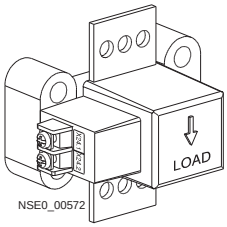
Busbar adapter systems with 40 mm or 60 mm busbar center-to-center spacing with components for busbar runs, adapters and switching device holders for individual equipment possibilities, devices with an integrated adapter, as well as accessories and flat copper profiles. Observe the short-circuit strength of the busbar system. Short-circuit strength greater than 50 kA on request.

For more information, see chapter "Busbar Systems".

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Further accessories

Current transformers (-T6) for N conductor/grounded neutral point of the transformer for ground-fault protection in 4-wire three-phase systems [1)]



Type	Rated current I_n A	SD d	Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
VL160/3VL2	63, 80		**3VL9280-8TC00**		1	1 unit	1CC
	100		**3VL9210-8TC00**		1	1 unit	1CC
	160		**3VL9216-8TC00**		1	1 unit	1CC
VL250/3VL3	200		**3VL9320-8TC00**		1	1 unit	1CC
	250		**3VL9325-8TC00**		1	1 unit	1CC
VL400/3VL4	315		**3VL9440-8TC00**		1	1 unit	1CC
	400		**3VL9440-8TC00**		1	1 unit	1CC
VL630/3VL5	630		**3VL9563-8TC00**		1	1 unit	1CC
VL800/3VL6	800		**3VL9680-8TC00**		1	1 unit	1CC
VL1250/3VL7	1000		**3VL9712-8TC00**		1	1 unit	1CC
	1250		**3VL9712-8TC00**		1	1 unit	1CC
VL1600/3VL8	1600		**3VL9816-8TC00**		1	1 unit	1CC

[1)] Please note the rated current of the circuit breaker.

Current transformers for measuring purposes



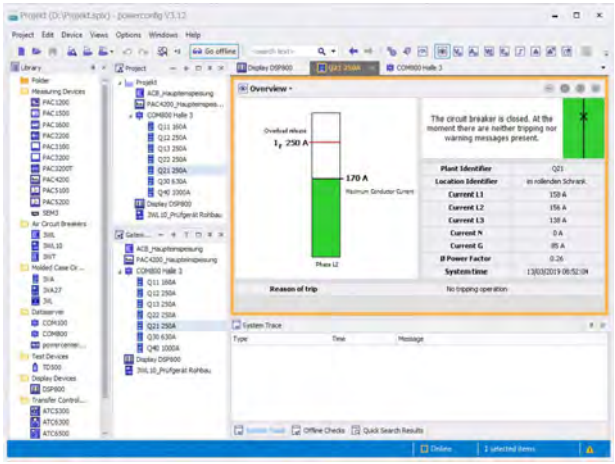
4NC53 current transformer

See also chapter "Measuring Devices and Power Monitoring" under Accessories.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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Version	SD	Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	d					
Accessories for communication						
3- or 4-pole						
Data transmission through COM20, COM21						
VL160 (3VL2) to VL1600 (3VL8)						
COM20 Release 2 (PROFIBUS module for 3VL molded case circuit breaker) for ETUs with communication function and LCD ETUs Module for connecting the 3VL molded case circuit breaker to the PROFIBUS DP, including switching function and Zone Selective Interlocking functionality, connecting cable to ETU included in delivery of the ETU, length 1.5 m.		**3VL9000-8AU00**		1	1 unit	1CC
COM21 Release 2 (MODBUS RTU module for 3VL molded case circuit breaker) for ETUs with communication function and LCD ETUs Module for connecting the 3VL molded case circuit breaker to the MODBUS RTU, including switching function and Zone Selective Interlocking functionality, connecting cable to ETU included in delivery of the ETU, length 1.5 m.		**3VL9000-8AV00**		1	1 unit	1CC
Connecting cable ETU - COM20/COM21 For VL160 ... VL250, length 3 m For VL630 ... VL1600, length 3 m For VL400, length 3 m		**3VL9000-8AQ81** **3VL9000-8AQ71** **3VL9000-8AQ61**		1 1 1	1 unit 1 unit 1 unit	1CC 1CC 1CC
Addressing plugs **For assigning the module addresses without using a PC/PG** On COM20/COM21 through the system interface	►	**3UF7910-0AA00-0**		1	1 unit	42J
powerconfig commissioning and service software						



Parameterization, operation, monitoring and diagnostics of 3VL molded case circuit breakers using powerconfig software, see chapter "Software" "Configuring, Visualizing and Controlling with SENTRON".
powerconfig is available free of charge at
http://support.automation.siemens.com/WW/view/en/63452759
You can find more information on the Internet at:
www.siemens.com/sentron

Communication:

- For molded case circuit breakers with communication function, see pages 2/224 to 2/241, 2/252 to 2/263.
- For more information, see also chapter "Measuring Devices and Power Monitoring" and chapter "Software".

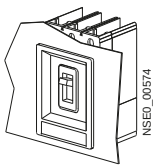
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Further accessories

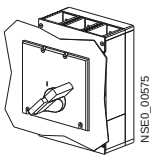
3- or 4-pole

Masking frames (cover frames) for door cut-outs

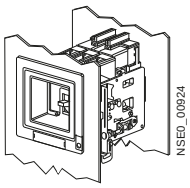
Version	SD	For VL160X (3VL1) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	d					
A Fixed-mounted or plug-in circuit breaker **IP40**		**3VL9300-8BC00**		1	1 unit	1CC
B[1] Fixed-mounted, plug-in or withdrawable circuit breaker with front-operated rotary operating mechanism or motorized operating mechanism (with or without SEO/MO stored energy mechanisms) **IP40**		**3VL9300-8BG00**		1	1 unit	1CC
C Withdrawable circuit breaker with toggle lever actuation. Assembly kit contains cover frame and extended escutcheon (cannot be used together with a motorized/rotary operating mechanism) **IP20**		--				
D Fixed-mounted circuit breaker or plug-in circuit breaker **IP40**						
RCD circuit breaker masking frame		**3VL9300-8BD00**		1	1 unit	1CC
RCD masking frame		**3VL9300-8BD00**		1	1 unit	1CC
E[1] Circuit breaker with RCD module and front-operated rotary operating mechanism. Assembly kit contains masking frame and extended escutcheon. **IP40**		--				



Masking frame A

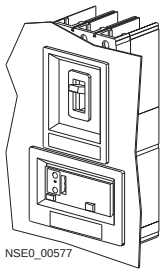


Masking frame B



Masking frame C

Version	SD	For VL400 (3VL4) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	d					
A Fixed-mounted or plug-in circuit breaker **IP40**		**3VL9400-8BC00**		1	1 unit	1CC
B[1][2] Fixed-mounted, plug-in or withdrawable circuit breaker with front-operated rotary operating mechanism or motorized operating mechanism (only with SEO stored energy mechanisms) **IP40**		**3VL9400-8BG00**		1	1 unit	1CC
C Withdrawable circuit breaker with toggle lever actuation. Assembly kit contains cover frame and extended escutcheon (cannot be used together with a motorized/rotary operating mechanism) **IP20**		**3VL9400-8BH00**		1	1 unit	1CC
D Fixed-mounted circuit breaker or plug-in circuit breaker **IP40**						
RCD circuit breaker masking frame		**3VL9400-8BC00**		1	1 unit	1CC
RCD masking frame		**3VL9400-8BD00**		1	1 unit	1CC
E[1] Circuit breaker with RCD module and front-operated rotary operating mechanism. Assembly kit contains masking frame and extended escutcheon. **IP40**		**3VL9400-8BH00**		1	1 unit	1CC



Masking frame D

[1] For withdrawable version IP20.

[2] For motorized operating mechanisms (without stored energy mechanism) for 3VL4-3VL6, use the Article No. 3VL9300-8BG00.

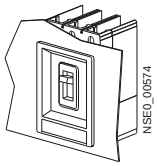
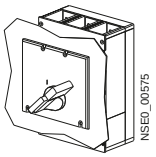
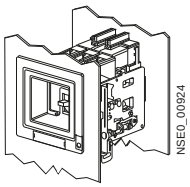
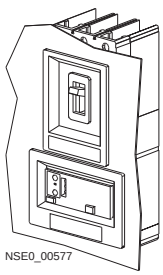
Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	For VL160 (3VL2) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG	SD	For VL250 (3VL3) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL9300-8BC00		1	1 unit	1CC		**3VL9300-8BC00**		1	1 unit	1CC
	3VL9300-8BG00		1	1 unit	1CC		**3VL9300-8BG00**		1	1 unit	1CC
	3VL9300-8BH00		1	1 unit	1CC		**3VL9300-8BH00**		1	1 unit	1CC
	3VL9300-8BC00		1	1 unit	1CC		**3VL9300-8BC00**		1	1 unit	1CC
	3VL9300-8BD00		1	1 unit	1CC		**3VL9300-8BD00**		1	1 unit	1CC
	3VL9300-8BH00		1	1 unit	1CC		**3VL9300-8BH00**		1	1 unit	1CC

SD	For VL630 (3VL5) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG	SD	For VL800 (3VL6) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
d						d					
	3VL9600-8BC00		1	1 unit	1CC		**3VL9600-8BC00**		1	1 unit	1CC
	3VL9600-8BG00		1	1 unit	1CC		**3VL9600-8BG00**		1	1 unit	1CC
	3VL9600-8BH00		1	1 unit	1CC		**3VL9600-8BH00**		1	1 unit	1CC
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	Version	SD	For VL1250 (3VL7) Article No. www.siemens.com/product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
		d					
Further accessories							
	3- or 4-pole						
	Masking frames (cover frames) for door cut-outs						
 Masking frame A	**A** Fixed-mounted or plug-in circuit breaker **IP40**		**3VL9800-8BC00**		1	1 unit	1CC
 Masking frame B	**B**[1] Fixed-mounted, plug-in or withdrawable circuit breaker with front-operated rotary operating mechanism or motorized operating mechanism. **IP40**		**3VL9800-8BG00**		1	1 unit	1CC
 Masking frame C	**C** Withdrawable circuit breaker with toggle lever actuation. Assembly kit contains cover frame and extended escutcheon (cannot be used together with a motorized/rotary operating mechanism) **IP20**		**3VL9800-8BH00**		1	1 unit	1CC
 Masking frame D	**D** Fixed-mounted circuit breaker or plug-in circuit breaker **IP40**						
	RCD circuit breaker masking frame		--				
	RCD masking frame		--				
	E[1] Circuit breaker with RCD module and front-operated rotary operating mechanism. Assembly kit contains masking frame and extended escutcheon. **IP40**		--				

[1] For withdrawable version IP20.

Minimum order quantity (PS) or a multiple thereof can be ordered.

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SD	For VL1600 (3VL8)		PU (UNIT, SET, M)	PS	PG
d	Article No. www.siemens.com/product?Article No.	Price per PU			
	3VL9800-8BC00		1	1 unit	1CC
	3VL9800-8BG00		1	1 unit	1CC
	3VL9800-8BH00		1	1 unit	1CC
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More information

Manual for the 3VL molded case circuit breaker

This manual contains additional technical information, covering a product description, mode of operation, electrical wiring system and retrofitting.

The manual and operating instructions are available in PDF format at:

www.siemens.com/lowvoltage/manuals

SENTRON manual for communication solutions

Free download from
www.siemens.com/lowvoltage/manuals

See chapter "Air Circuit Breakers", "3WL11-13 Air Circuit Breakers/Non-Automatic Air Circuit Breakers up to 6300 A (AC), IEC", "Accessories and spare parts".

Note

You will find the 3VL molded case circuit breakers up to 1600 A according to UL 489 in Catalog LV 18.

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By using this catalog you can acquire hardware and software products described therein from Siemens AG subject to these conditions of sale and delivery (hereinafter: CSD). Please note: the scope, the quality and the conditions for supplies and services, including software products, by any Siemens group or Regional Company having a registered office outside of Germany, shall be subject exclusively to the General Terms and Conditions of the respective Siemens entity. These CSD apply exclusively for orders placed with Siemens AG, Germany.

1.1 For customers with a seat or registered office in Germany

For customers with a seat or registered office in Germany, the following shall be subordinate to these CSD

- for installation, the "Standard Terms and Conditions for Installation –Germany" and
- for Plant Analytics Services the "Standard Terms and Conditions for Plant Analytics Services – for Customers in Germany"[1)] and
- for standalone software products and software products that are part of another product or project, the "General License Conditions for Software Products for Automation and Drives for Customers with a Seat or Registered Office in Germany"[1)] and
- for other supplies and services, the "General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry"[1)].
  In the event that such other supplies and services include open-source software, the conditions of which override the "General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry"[1)], the product will be supplied with a notice detailing the special conditions that apply for the relevant open-source software. This applies accordingly in the case of a reference to other third-party software components.

1.2 For customers with a seat or registered office outside of Germany

For customers with a seat or registered office outside of Germany, the following shall be subordinate to these CSD

- for Plant Analytics Services the "Standard Terms and Conditions for Plant Analytics Services"[1)] (only available in English) and
- for services, the "International Terms & Conditions for Services"[1)] supplemented by the "Software Licensing Conditions"[1)] and
- for the supply of other hardware and software the "International Terms & Conditions for Products"[1)] supplemented by the "Software Licensing Conditions"[1)].

1.3 For customers with framework agreements

To the extent that our products and services are covered by an existing framework agreement, the conditions there apply instead of this CSD.

2. Prices

The prices are in € (euros) ex works, excluding packaging.

The sales tax (value added tax) is not included in the prices. It shall be debited separately at the respective rate according to the applicable legal regulations.

Prices are subject to change without prior notice. We will debit the prices valid at the time of delivery.

To compensate fluctuating prices of raw materials (for example silver, copper, aluminum, lead, gold, dysprosium and neodymium), surcharges are calculated on a daily basis for products containing these raw materials using the metal factor. A surcharge for the particular raw material is added to the price of a product if the basic quotations for this raw material are exceeded.

Each product's metal factor dictates for which raw materials the metal surcharges are calculated, from which quotation and with which calculation method (weight or percentage method).

An exact explanation of the metal factor can be found at: www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf

The surcharge will be calculated (except in the case of dysprosium and neodymium) on the basis of the official price on the day prior to receipt of the order or prior to the release order for calculation of the surcharge.

In the event of placement of an order, the relevant three-month average price from the quarter prior to order receipt or the release order shall be used with a one-month buffer to calculate the dysprosium and neodymium surcharge ("rare earths") (you will find details in the aforementioned explanation of the metal factor).

3. Additional terms and conditions

All dimensions are in mm. In Germany, according to the German law on units in metrology, data in inches only apply to devices for export.

Illustrations are not binding.

Insofar as there are no remarks on the corresponding pages of this catalog - especially with regard to data, dimensions and weights given - these are subject to change without prior notice.

[1)] You can download the text of the Siemens AG terms and conditions of trade at www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf

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4. Export regulations

We shall not be obligated to fulfill this agreement if such fulfillment is prevented by any impediments arising out of national or international foreign trade or customs requirements or any embargoes or other sanctions.

Exporting may be subject to authorization. In delivery information, we label authorization obligations according to German, European and US export lists.

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Please note that you can also preview the export designations in the respective product description via our "Industry Mall" online catalog system. The deciding factors, however, are the AL or ECCN export designations indicated on order confirmations, delivery notes and invoices.

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