

ORDER SUPPORT

3KD switch disconnectors

End-to-end safety for user and systems

The 3KD switch disconnectors are designed for applications with exacting requirements. 3KD switch disconnectors up to 2000 A are deployed as main control switches, EMERGENCY-STOP switches, or maintenance switches in industrial plants, infrastructure, and buildings. The series is designed for demanding tasks and also offers the right solution for switching in wind power plants. Thanks to the modular design of the device, auxiliary switches and additional poles can be retrofitted at any time.



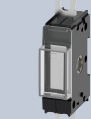
Product	Uninterrupted current I_u [A]	Size	Article number	Additional versions			
Complete and basic units (gray) – Size 01-02							
	16	01	3KD01	Number of poles 3-pole 4-pole	Operating mechanism size 01 und 02 from the front, without handle from the front, with direct operating mechanism (gray) from the front, with direct operating mechanism (red/yellow)		
	32	01	3KD02				
	63	01	3KD033				
	80	02	3KD03				
	100	02	3KD04				
	125	02	3KD05				
Complete and basic units (gray) – Size 1-5							
 	16	1	3KD16	Number of poles 3-pole 4-pole	Operating size 1-5 from the front, without direct operating mechanism from the front, with direct operating mechanism (gray) laterally, without direct operating mechanism	Connection Flat terminal, size 2-5 Box terminal size 1-2	Position of operating mechanism left center ¹⁾ right ¹⁾
	32	1	3KD22				
	63	1	3KD26				
	80	1	3KD28				
	100	2	3KD28				
	100	1	3KD30				
	125	2	3KD30				
	160	2	3KD32				
	200	2	3KD34				
	200	3	3KD36				
	250	2	3KD36				
	250	3	3KD38				
	315	2	3KD38				
	315	3	3KD40				
	400	3	3KD42				
	500	3	3KD44				
	500	4	3KD44				
	630	4	3KD46				
	800	4	3KD48				
	1000	4	3KD50				
	1000	5	3KD50				
	1250	5	3KD52				
	1600	5	3KD54				
	2000	5	3KD56				
¹⁾ Only use from the front ²⁾ Only lateral use For a complete quotation, see Catalog LV 10, Chapter 8							

Notes:

- **Operating mechanism module:** center position only possible from the front, position right only lateral
- **Auxiliary switches:** auxiliary switch modules for size 1-2 can be max. 2 auxiliary switches contacts, versions with test function can only be installed directly next to the drive. Size 3-5: mounting of auxiliary switches directly on the drive module – no auxiliary switch module necessary

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Product	Version	Article No.	Additional versions				
Direct operating mechanism (for operation directly on the switch)							
	For size 01	3KD9011- 	 Color size 01⁴⁾  gray  red/yellow	 Number of poles size 01  for 3-pole devices  for 4-pole devices	 Color size 1-5  gray  red/yellow		
	For size 1	3KD9101- 					
	For size 2	3KD9201- 					
	For size 3	3KD9301- 					
	For size 4	3KD9401- 					
	For size 5	3KD9501- 					
Door-coupling rotary operating mechanism: handle (for operation through a control cabinet door or side panel)							
	For size 01, 02, 1 + 2	8UD1771-2   	 Lighting  without  with	 Inscription  O-I  Test-O-I ⁵⁾	 Color  gray  red/yellow		
	For size 3	8UD1841-2   					
	For size 4	8UD1851-3   					
	For size 5	8UD1861-4   					
Extension shafts							
	For size 01 + size 02	3KD9002- 	 Length size 01 + 02  300 mm  600 mm	 Length size 1-5  300 mm  600 mm	Note: for sizes 01, 02, 1, and 2 a 8UD1900-0FA00 shaft jack is required when the 600 mm long shaft is used.		
	For size 1-3	8UC60  2					
	For size 4	8UC60  3					
	For size 5	8UC60  4					
Coupling drivers							
	For size 01 + 02	8UD1900-1  A00	 Tolerance compensation  with  without				
	For size 1 + 2	8UD1900-2  A00					
	For size 3	8UD1900-6  A00					
	For size 4	8UD1900-3  A00					
	For size 5	8UD1900-4  A00					
Auxiliary switch modules for sizes 1 and 2							
	Standard version	3KD9103-5					
	With test function	3KD9103-6					
	With leading NO contact and test function	3KD9103-7					
Auxiliary switches							
	1 NC + 1 NO for size 01 + 02	3KD9003- 	 Solid-state compatible size 01 + 02  not solid-state compatible  solid-state compatible	 Version size 1 + 2  with soldered 50 cm cables  with blade receptacles			
	1 CO for size 1 + 2	3KD9103- 					
	1 NO for size 3-5	3SU1400-1AA10-1BA0					
	1 NC for size 3-5	3SU1400-1AA10-1CA0					
	1 NO + 1 NC for size 3-5	3SU1400-1AA10-1FA0					
Additional poles							
	For size 01 + 02	3KD90   	 Size  01  02	 4th contact element (switching pole)   size 01-2 ¹⁾   size 2-5 ²⁾	 N terminal with removable jumper   size 1-2 ¹⁾   size 2-5 ²⁾	 N-/PE terminal with permanent jumper   size 01-2 ¹⁾   size 2-5 ²⁾	
	For size 1	3KD910  					
	For size 2	3KD920  					
	For size 3	3KD930  					
	For size 4	3KD940  					
	For size 5	3KD950  					
Phase barriers							
	For size 2	3KD9108- 	 Quantity  6 pieces (for 3-pole devices)  8 pieces (for 4-pole devices)				
	For size 3	3KD9308- 					
	For size 4	3KD9408- 					
	For size 5	3KD9508- 					
Terminal covers							
	For size 01 + 02	3KD90    B	 Size  01  02	 Version size 01 + 02  1-pole cover  3-pole cover ⁶⁾	 Quantity size 2-5  6 pieces (for 3-pole devices)  8 pieces (for 4-pole devices)		
	For size 2	3KD9204- 					
	For size 3	3KD9304- 					
	For size 4	3KD9404- 					
	For size 5 ³⁾	3KD9504- 					

¹⁾ Box terminal | ²⁾ Flat terminal | ³⁾ Not suitable for 2000 A | ⁴⁾ Handle for distribution boards | ⁵⁾ 3KD size 01 + 02 not selectable | ⁶⁾ Only for size 01

All 3KD switch disconnectors meet the standards of IEC 60947-1, IEC 60947-3, and VDE 0660-107.

For a complete quotation, see [Catalog LV 10, Chapter 8](#)

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