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website



MEDIUM VOLTAGE PRODUCTS

SION 3AE5 vacuum circuit-breakers for standard applications

For compact and cost-efficient solutions

Features

- Compact design
- Wide product range with many equipment options
- Sustainable and proven vacuum technology made in Germany
- Can be used for all common customer applications

Customer Benefits

- Space-saving due to slim system design
- Simple configuration
- F-gas free and maintenance-free for decarbonization
- Easy integration into the system concept



One of the twelve SION 3AE5 circuit breakers installed by Ritter-Starkstromtechnik in the medium-voltage switchgear in the metro station „Unter den Linden“



The “Unter den Linden” rectifier station supplies the subway trains on Berlin’s U5 line within a radius of 15 stations, such as the “Museuminsel” station.

SIEMENS

Rated voltage	Rated short-circuit breaking current	Rated continuous current	Pole center distances	Vertical Distance between Terminals (VDT)	Switching class
7,2 kV	16 kA	800 A	150 mm	205 mm	C2
12 kV	20 kA	1250 A	160 mm	275 mm	E2
17,5 kV	25 kA	1600 A	210 mm	310 mm	M2
24 kV	31,5 kA	2000 A	275 mm		S1
	40 kA	2500 A			
		3150 A			
		4000 A*			

* with active cooling

Configure your SION 3AE5 according to your individual requirements with just a few clicks!

Visit our
online confi-
gurator tool



SION 3AE5 vacuum circuit-breakers



A company's strength lies in its ability to quickly solve its customers' challenges (...) Siemens has supplied us with circuit-breakers that fully meet our requirements.

Reiner Eckmann
Technical Manager for Switchgear in Olfen

Learn more
about our
customer
reference



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