



MEDIUM VOLTAGE PRODUCTS

SION 3AE5

IEC indoor circuit-breakers for general applications

The SION 3AE5 vacuum circuit-breaker is Siemens' answer to a wide and complex market of air-insulated medium-voltage switchgear. This product is a highly compatible allrounder that works for almost all medium-voltage indoor switching applications and truly adapts to your specific needs.

Unlock the value

Adapts to your needs

Exceptional range of connection options and secondary equipment allow easy integration into any panel type.

Flexible in use

Robust allrounder that works for most medium-voltage indoor applications.

Peace of mind

Safe and future-proof with latest vacuum interrupter types and proven reliability of global SION product platform.

SIEMENS

The one that fits everywhere

With its wide offer of pole-center and vertical connection dimensions, freely configurable secondary low-voltage equipment options and various modular withdrawable installation components, SION 3AE5 brings you an exceptional flexibility. This allows a fast and easy integration of the 3AE5 into all kinds and sizes of medium-voltage switchgear types - whether it is a recent newer panel or whether you wish to retrofit any historically established panel.



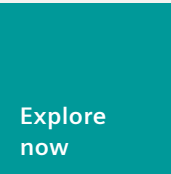
The 3AE5 portfolio is suitable for fixed-mounting and for withdrawable applications. You can choose from a comprehensive and modular system of installation components, that includes withdrawable parts, contact arms, contact systems (tulips), insulating shells, bushings, and fixed contacts. In its most complete configuration, SION 3AE5 comes installed in a fully type-tested mounting frame that includes side and rear walls, shutters for complete disconnection and an optional make-proof earthing switch, including all required interlocks. This practical plug & play module forms almost the complete circuit-breaker compartment of a switchgear panel, making it even more easy for you to integrate the 3AE5 into your application.

Complies with standards IEC 62271-1 and -100
Circuit-breaker classes C2, E2, M2, S1

Technical data at a glance

Rated voltage	Rated short-circuit breaking current	Rated continous current	Pole center distances (PCD)	Vertical distance between terminals (VDT)	Circuit-breaker 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	328 mm	S1
36 kV	40 kA	2500 A		380 mm	
		3150 A			
		4000 A*			

*with active cooling



Want your 3AE5 in less then 60 seconds?

Try our 3AE5 product configurator tool, building your perfect product in just a few clicks.
www.siemens.com/3AE5-configurator

Curious about SION? Find out more at www.siemens.com/3AE5

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