SACE TMAX T3S 250

Product Data Sheet

1SDA051266R1

Thermomagnetic molded-case circuit breaker

NUMBER OF POLES	FRAME RATED UNINTERRUPTED CURRENT	TRIP-UNIT RATED CURRENT	TRIP RELEASE
3	**250 A**	**125 A**	**TMD thermomagnetic**

ABB 1SDA051266R1 is a SACE Tmax T3S 250 three-pole molded-case circuit breaker with a TMD 125 A thermomagnetic release. Its fixed construction and front power terminals are identified by the F F configuration, while the S breaking-capacity class provides 50 kA Icu at 415 V AC.

01 TECHNICAL DATA

Number of poles	3
Frame rated uninterrupted current	250 A
Trip-unit rated current	125 A
Trip release	TMD thermomagnetic
Thermal threshold adjustment	0.7 to 1.0 x In (87.5 to 125 A)
Instantaneous magnetic threshold	1250 A, fixed
Installation version	Fixed (F)
Power terminals	Front (F)
Icu at 380/400/415 V AC	50 kA
Maximum AC service voltage	690 V, 50/60 Hz

ABB SACE Tmax T Generation Technical Catalogue 1SDC210015D0207, January 2013; pp. 1/11, 2/2-2/4, 2/7, 6/8 and 7/9.

02 ADDITIONAL PRODUCT DATA

Rated insulation voltage	800 V
Impulse withstand voltage	8 kV
Utilization category	A
Reference standard	IEC 60947-2
Mechanical endurance	25000 operations

03 PRODUCT FUNCTION

The thermal threshold adjusts from 0.7 to 1.0 times the 125 A trip rating, equivalent to 87.5 to 125 A, and the instantaneous magnetic threshold is fixed at 1250 A. The T3 frame has a 250 A uninterrupted-current rating, an 800 V insulation rating and an 8 kV impulse withstand rating.

04 SYSTEM COMPATIBILITY

Select the thermal threshold for the connected circuit within 87.5 to 125 A. The TMD magnetic threshold is fixed at 1250 A and is not the adjustable magnetic release used on other Tmax configurations. Apply the manufacturer temperature-derating table when the ambient differs from its reference condition.

05 REFERENCE

ABB SACE Tmax T Generation Technical Catalogue 1SDC210015D0207, January 2013; pp. 1/11, 2/2-2/4, 2/7, 6/8 and 7/9.

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM