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 PRODUCT-DETAILS

# A1B 125 TMF 50-500 4p F F

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**General Information**

Extended Product Type	A1B 125 TMF 50-500 4p F F
Product ID	1SDA066738R1
EAN	8015644006488
Catalog Description	A1B 125 TMF 50-500 4p F F
Long Description	C.BREAKER FORMULA A1B 125 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 50-500 A

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**Circular Value**

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326

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**Environmental**

Environmental Information	1SDL000183R0001 9AKK108467A6707
REACH Declaration	9AKK108466A1425

RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

## Ordering

Order Code US and Canada	AAB050TW-4
EAN	8015644006488
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

## Dimensions

Product Net Width	101.6 mm
Product Net Height	130 mm
Product Net Depth / Length	60 mm
Product Net Weight	1 kg

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	136.5 mm
Package Level 1 Height	124 mm
Package Level 1 Depth / Length	110.5 mm
Package Level 1 Gross Weight	1.05 kg
Package Level 1 EAN	8015644006488

## Additional Information

Electrical Durability	1500 cycle
Mechanical Durability	Nr. Operations 8500 cycle
Number of Poles	4
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Power Loss	at Rated Operating Conditions per Pole 5.5 W
Product Main Type	SACE FORMULA
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current ( $I_n$ )	Main Circuit 50 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	6 kV
Rated Insulation Voltage ( $U_i$ )	690 V
Rated Operational Voltage	550 V AC 250 V DC
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(240 V AC) 12.5 kA (380 V AC) 9 kA (415 V AC) 5 kA (440 V AC) 5 kA (480 V AC) 5 kA (500 V AC) 2.5 kA (250 V DC) 2 Poles in Series 2.5 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(240 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (480 V AC) 10 kA

	(500 V AC) 5 kA (250 V DC) 5 kA
Rated Uninterrupted Current ( $I_U$ )	125 A
Release	TMF
Release Type	TM
Short-Circuit Performance Level	B
Standards	IEC
Sub-type	A1
Terminal Connection Type	Front
Version	F

### Certificates and Declarations

Data Sheet, Technical Information	1SDC210032D0204
Declaration of Conformity - CE	9AKK106713A5519
Wiring Diagram	1SDM000067R0001
Instructions and Manuals	1SDH000717R0001

### Classifications

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
Object Classification Code	Q
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

### Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Formula DSA

