



 PRODUCT-DETAILS

D1N 125 TMF80/800 F F 3P

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General Information

Extended Product Type	D1N 125 TMF80/800 F F 3P
Product ID	1SDA127834R1
EAN	8056221291491
Catalog Description	D1N 125 TMF80/800 F F 3P
Long Description	C.BREAKER SACE FORMULA BLD D1N 125 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 80-800 A

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326

Ordering

EAN	8056221291491
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	76.2 mm
Product Net Height	130 mm
Product Net Depth / Length	64 mm
Product Net Weight	0.7 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	111 mm
Package Level 1 Height	125 mm
Package Level 1 Depth / Length	137 mm
Package Level 1 Gross Weight	0.8 kg
Package Level 1 EAN	8056221291491

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Product Main Type	SACE FORMULA BLD
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F

Technical

Current Type	AC
Electrical Durability	4000 cycle 120 cycles per hour
Mechanical Durability	10000 cycle 120 cycles per hour
Number of Poles	3
Power Loss	at Rated Operating Conditions per Pole 9 W
Rated Current (I_n)	80 A
Rated Frequency (f)	50/60 Hz
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Rated Insulation Voltage (U_i)	690 V AC
Rated Operational Voltage	500 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(380 V AC) 18 kA (415 V AC) 18 kA (500 V AC) 2.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(380 V AC) 36 kA (415 V AC) 36 kA (500 V AC) 10 kA
Rated Uninterrupted Current (I_u)	125 A
Rated Voltage (U_r)	500 V AC
Release	TMF

Release Type	TM
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	D1
Terminal Connection Type	Front

Classifications

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)

Categories

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

