PRODUCT-DETAILS

A1N 125 TMF 80-800 1p F F

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General Information

Extended Product Type	A1N 125 TMF 80-800 1p F F
Product ID	1SDA066693R1
EAN	8015644006037
Catalog Description	A1N 125 TMF 80-800 1p F F
Long Description	C.BREAKER FORMULA A1N 125 FIXED SINGLE-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

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Environmental

Environmental Information	1SDL000183R0001 9AKK108467A6707

Ordering

Order Code US and Canada	AAN080TW-1
EAN	8015644006037
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	25.4 mm
Product Net Height	130 mm
Product Net Depth / Length	60 mm
Product Net Weight	0.25 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	143 mm
Package Level 1 Height	74 mm
Package Level 1 Depth / Length	93 mm
Package Level 1 Gross Weight	0.3 kg
Package Level 1 EAN	8015644006037

Additional Information

Product Main Type	SACE FORMULA
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F

Technical

Electrical Durability	1500 cycle
Mechanical Durability	Nr. Operations 8500 cycle
Number of Poles	1
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Power Loss	at Rated Operating Conditions per Pole 9 W
Rated Current (I_n)	Main Circuit 80 A
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Rated Insulation Voltage (U_i)	690 V
Rated Operational	415 V AC

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Voltage	125 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(240 V AC) 12.5 kA (380 V AC) 2.5 kA (415 V AC) 1.25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 V AC) 25 kA (380 V AC) 5 kA (415 V AC) 5 kA (125 V DC) 10 kA
Rated Uninterrupted Current (I_u)	125 A
Release	TMF
Release Type	TM
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	A1
Terminal Connection Type	Front

Certificates and Declarations

Data Sheet, Technical Information	1SDC210032D0204
Declaration of Conformity - CE	9AKK106713A5519
Wiring Diagram	1SDM000067R0001
Instructions and Manuals	1SDH000717R0002

Classifications

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

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