



 PRODUCT-DETAILS

A1A 125 TMF 90-900 3p F F

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General Information

Extended Product Type:	A1A 125 TMF 90-900 3p F F
Product ID:	1SDA066519R1
EAN:	8015644693091
Catalog Description:	A1A 125 TMF 90-900 3p F F
Long Description:	C.BREAKER FORMULA A1A 125 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 90-900 A
Display Name:	A1A 125 TMF 90-900 3p F F

Material Compliance

REACH Declaration:	9AKK108466A1425
RoHS Declaration:	9AKK108466A1424
RoHS Information:	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

Environmental

Environmental Information:	1SDL000183R0001 9AKK108467A6707
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Ordering

Order Code US and Canada:	AAA090TW
EAN:	8015644693091
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:	60 mm
Product Net Weight:	0.75 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:	0.8 kg
Package Level 1 EAN:	8015644693091

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:	3P

Opening Time:	CB with SOR 15 ms CB with UVR 15 ms
Power Loss:	at Rated Operating Conditions per Pole 7 W
Rated Current (I_n):	Main Circuit 90 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) 5 kA (415 V AC) 5 kA (440 V AC) 4 kA (480 V AC) 3.75 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) 10 kA (380 V AC) 10 kA (415 V AC) 10 kA (440 V AC) 8 kA (480 V AC) 7.5 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:	A
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:	1SDH000717R0001

External Classifications and Standards

ETIM 9:	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10:	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

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

