



 PRODUCT-DETAILS

P1S 160 TMD 50-500 3p F F

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General Information

Extended Product Type	P1S 160 TMD 50-500 3p F F
Product ID	1SDA116280R1
EAN	8056221083881
Catalog Description	P1S 160 TMD 50-500 3p F F
Long Description	C.BREAKER FORMULA DSP P1S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 50-500 A

Environmental

Environmental Information	9AKK108467A6707
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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	8056221083881
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	70 mm
Product Net Weight	1 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	128 mm
Package Level 1 Height	135 mm
Package Level 1 Depth / Length	143 mm
Package Level 1 Gross Weight	1.1 kg
Package Level 1 EAN	8056221083881

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Product Main Type	SACE FORMULA DSP
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Suitable For	P1
Version	F

Technical

Current Type	AC/DC
Mechanical Durability	20000 cycle 240 cycles per hour
Number of Poles	3
Power Loss	3.70 W
Rated Current (I_n)	50 A
Rated Frequency (f)	50/60 Hz
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_s)	500 A
Rated Insulation Voltage (U_i)	750 V
Rated Operational Voltage	500 V AC 250 V DC
Rated Service Short- Circuit Breaking Capacity	(240 V AC) 80 kA (380 V AC) 50 kA

I_{cs}	(415 V AC) 50 kA (440 V AC) 25 kA (500 V AC) 4 kA (250 V DC) 2 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 V AC) 80 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 8 kA (250 V DC) 2 Poles in Series 50 kA
Rated Uninterrupted Current (I_u)	160 A
Rated Voltage (U_r)	500 V AC 250 V DC
Release	TMD
Release Type	TM
Setting Range	35..50 A
Short-Circuit Performance Level	S
Standards	IEC
Sub-type	P1
Terminal Connection Type	Front

Certificates and Declarations

Data Sheet, Technical Information	1SXF210036C2001
Instructions and Manuals	1SDH002119A1001

Classifications

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Categories

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

