



Electric Automation
Automation specialists

Reference: T1B160
Code: 1SDA052623R1

T1B 160 TMF80-800 1p F FC Cu
(1 \times 70mm²)

Buy it at Electric Automation Network



C.BREAKER TMAX T1B 160 FIXED SINGLE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm² AND THERMOMAGNETIC RELEASE TMF R 80-800 A

Ordering

EAN:	8015644532871
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

Dimensions

Product Net Width:	25 mm
Product Net Height:	130 mm
Product Net Depth:	70 mm
Product Net Weight:	0.35 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	117.5 mm
Package Level 1 Height:	35 mm
Package Level 1 Length:	140 mm
Package Level 1 Gross Weight:	0.42 kg

Package Level 1 EAN:	8015644532871
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Environmental

RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01
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Additional Information

Electrical Durability:	8000 cycle 120 cycles per hour
IIT Publishing Status:	Level 0 - Information enabled
Mechanical Durability:	25000 cycle 240 cycles per hour
Number of Poles:	1
Power Loss:	at Rated Operating Conditions per Pole 4,8 W
Product Main Type:	SACE Tmax T
Product Name:	Automatic Circuit Breaker
Product Type:	CB
Rated Current (I_n):	80 A
Rated Impulse Withstand Voltage (U_{imp}):	8 kV
Rated Insulation Voltage (U_i):	800 V
Rated Operational Voltage:	240 V AC 125 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(220 V AC) 18 kA (230 V AC) 18 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (125 V DC) 25 kA (250 V DC) 3 Poles in Series 20 kA
Rated Uninterrupted Current (I_u):	160 A
Release Type:	TM
Standards:	IEC 60947
Sub-type:	T1
Suitable For:	T1
Suitable for Product Class:	Moulded Case Circuit Breakers
Terminal Connection Type:	Fixed Circuit-Breakers Front for Copper Cables
Test Voltage Max (U_{test}):	3000 V

Version:	F
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Certificates and Declarations (Document Number)

Data Sheet, Technical Information:	1SDC210004D0203
Declaration of Conformity - CE:	1SDL000165R0001
GL Certificate:	1SDL000163R0058
RoHS Information:	1SDL000200R0001

Classifications

Object Classification Code:	Q
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