



**Electric Automation**  
Automation specialists

Reference: T1C160  
Code: 1SDA050899R1

T1C 160 TMD80-800 3p F FC Cu  
(1 ÷ 70mm<sup>2</sup>)

Buy it at Electric Automation Network



C.BREAKER TMAX T1C 160 FIXED THREE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm<sup>2</sup> AND THERMOMAGNETIC RELEASE TMD R 80-800 A

### Ordering

EAN:	8015644513115
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

### Dimensions

Product Net Width:	76 mm
Product Net Height:	130 mm
Product Net Depth:	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 Length:	143 mm
Package Level 1 Gross Weight:	1.11 kg

Package Level 1 EAN:	8015644513115
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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

Current Rating:	80 A
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:	3
Order Multiple:	1 piece
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:	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):	(220 V AC) 30 kA (230 V AC) 30 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 11,25 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):	(220 V AC) 4 kA (230 V AC) 4 kA (380 V AC) 25 kA (415 V AC) 25 kA (440 V AC) 15 kA (500 V AC) 10 kA (690 V AC) 4 kA (250 V DC) 2 Poles in Series 25 kA (250 V DC) 3 Poles in Series 30 kA (500 V DC) 3 Poles in Series 25 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 at Industrial Frequency for 1 Minute:	3000 V
Test Voltage Max ( $U_{test}$ ):	3000 V
Version:	F

## Certificates and Declarations (Document Number)

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

## Classifications

E-nummer:	3180045
Object Classification Code:	Q
UNSPSC:	39121100