

## General Information

Extended Product Type:	T2S 160 TMD100-1000 3p F F
Product ID:	1SDA051002R1
EAN:	8015644514242
Catalog Description:	T2S 160 TMD100-1000 3p F F
Long Description:	C.BREAKER TMAX T2S 160 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 100-1000 A

## Categories

Products » Low Voltage Products and Systems » Circuit Breakers » Moulded Case Circuit Breakers » Tmax T

## Ordering

EAN:	8015644514242
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

## Dimensions

Product Net Width:	90 mm
Product Net Height:	130 mm
Product Net Depth:	70 mm
Product Net Weight:	1.1 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:	1.2 kg
Package Level 1 EAN:	8015644514242

## 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:	3
Power Loss:	at Rated Operating Conditions per Pole 8,5 W
Product Main Type:	SACE Tmax T
Product Name:	Automatic Circuit Breaker
Product Type:	CB
Rated Current ( $I_n$ ):	100 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) 85 kA (230 V AC) 85 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 45 kA (500 V AC) 30 kA (690 V AC) 7 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):	(220 V AC) 8.5 kA (230 V AC) 8.5 kA (380 V AC) 50 kA (400 V AC) 50 kA (415 V AC) 50 kA

(440 V AC) 45 kA  
(500 V AC) 30 kA  
(690 V AC) 7 kA  
(250 V DC) 2 Poles in Series 50 kA  
(250 V DC) 3 Poles in Series 55 kA  
(500 V DC) 3 Poles in Series 50 kA

**Rated Uninterrupted Current ( $I_u$ ):** 160 A

**Release Type:** TM

**Standards:** IEC 60947

**Sub-type:** T2

**Suitable For:** T2

**Suitable for Product Class:** Moulded Case Circuit Breakers

**Terminal Connection Type:** Fixed Circuit-Breakers  
Front

**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

**Data Sheet, Technical Information (Part 2):** 1SDM000030R0001

**Declaration of Conformity - CE:** 1SDL000165R0002

**GL Certificate:** 1SDL000163R0059

**RoHS Information:** 1SDL000200R0001

### Classifications

**Object Classification Code:** Q

**UNSPSC:** 39121100

