

PRODUCT-DETAILS

T1N 160 TMD160-1600 3p F FC Cu (1 |  
 ù70mm2)

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General Information

Extended Product Type	T1N 160 TMD160-1600 3p F FC Cu (1  ù70mm2)
Product ID	1SDA050924R1
EAN	8015644513368
Catalog Description	T1N 160 TMD160-1600 3p F FC Cu (1  ù70mm2)
Long Description	C.BREAKER TMAX T1N 160 FIXED THREE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm2 AND THERMOMAGNETIC RELEASE TMD R 160-1600 A

Ordering

EAN	8015644513368
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	76 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1 kg

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**Container Information**


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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	1.11 kg
Package Level 1 EAN	8015644513368

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**Environmental**


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Environmental Information	1SDL000140R0
RoHS Information	1SDL000200R0001

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**Additional Information**


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Electrical Durability	8000 cycle 120 cycles per hour
Mechanical Durability	25000 cycle 240 cycles per hour
Number of Poles	3
Power Loss	at Rated Operating Conditions per Pole 15 W
Product Main Type	SACE Tmax T
Product Name	Moulded Case Circuit Breaker
Product Type	CB
Rated Current ( $I_n$ )	160 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) 37,5 kA (230 V AC) 37,5 kA (380 V AC) 27 kA (400 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 11 kA (500 V AC) 7,5 kA (690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(220 V AC) 5 kA (230 V AC) 5 kA (380 V AC) 36 kA (400 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 22 kA (500 V AC) 15 kA (690 V AC) 6 kA (250 V DC) 2 Poles in Series 36 kA (250 V DC) 3 Poles in Series 40 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current ( $I_u$ )	160 A

Release	TMD
Release Type	TM
Short-Circuit Performance Level	N
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
Test Voltage at Industrial Frequency for 1 Minute	3000 V
Version	F

### Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SDC210004D0203
Declaration of Conformity - CE	1SDL000165R0001
Environmental Information	1SDL000140R0
GL Certificate	1SDL000163R0058
Instructions and Manuals	ITSCE-RH0011001
Instructions and Manuals (Part 2)	ITSCE-RH0100.001
RoHS Information	1SDL000200R0001
Data Sheet, Technical Information (Part 2)	1SDM000030R0001
Wiring Diagram	1SDM000030R0001

### Classifications

Object Classification Code	Q
UNSPSC	39121100

### Where Used (as a spare part for "Products")

Identifier	Description	Quantity	Unit Of Measure
3HAC020536-014	No Description Available	1	piece

### Product specific part data

Product	Robotics Part Category	Robot Design Year
3HAC020536-014	Process Module	IRC5 M2004

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## Categories

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

Robotics → Controllers → IRC5 → IRC5 Single

