

PRODUCT-DETAILS

T1N 160 TMD125-1250 3p F FC Cu
(1~70mm²)

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(1~70mm²)

"No longer for sale" replaced by 1SDA067417R1



General Information

Extended Product Type	T1N 160 TMD125-1250 3p F FC Cu (1~70mm ²)
Product ID	1SDA050923R1
EAN	8015644513351
Catalog Description	T1N 160 TMD125-1250 3p F FC Cu (1~70mm ²)
Long Description	C.BREAKER TMAX T1N 160 FIXED THREE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm ² AND THERMOMAGNETIC RELEASE TMD R 125-1250 A

Environmental

Environmental Information	1SDL000140R0
RoHS Information	1SDL000200R0001

Ordering

EAN	8015644513351
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090
Replacement Product ID (NEW)	1SDA067417R1

Dimensions

Product Net Width	76 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	1.11 kg
Package Level 1 EAN	8015644513351

Additional Information

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 10,7 W
Product Main Type	SACE Tmax T
Product Name	Moulded Case Circuit Breaker
Product Type	CB
Rated Current (I_n)	125 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

Data Sheet, Technical Information	1SDC210004D0203
Declaration of Conformity - CE	1SDL000165R0001
GL Certificate	1SDL000163R0058
Data Sheet, Technical Information (Part 2)	1SDM000030R0001
Wiring Diagram	1SDM000030R0001
Instructions and Manuals	ITSCE-RH0011001
Instructions and Manuals (Part 2)	ITSCE-RH0100.001
Instructions and Manuals (Part 3)	ITSCE-RH0011002

Classifications

Object Classification Code	Q
UNSPSC	39121100

Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax T
Robotics → Controllers → S4

