



 PRODUCT-DETAILS

T2H 160 TMD100-1000 4p F F

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General Information

Extended Product Type	T2H 160 TMD100-1000 4p F F
Product ID	1SDA051068R1
EAN	8015644514907
Catalog Description	T2H 160 TMD100-1000 4p F F
Long Description	C.BREAKER TMAX T2H 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 100-1000 A

Material Compliance

RoHS Declaration	1SDL000200R0001
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Environmental

Environmental Information	1SDL000140R0
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Ordering

EAN	8015644514907
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	120 mm
Product Net Height	130 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.45 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	1.55 kg
Package Level 1 EAN	8015644514907

Additional Information

Product Main Type	SACE Tmax T
Product Name	Moulded Case Circuit Breaker
Product Type	CB
Suitable For	T2
Suitable for Product Class	Moulded Case Circuit Breakers
Version	F

Technical

Electrical Durability	8000 cycle 120 cycles per hour
Mechanical Durability	25000 cycle 240 cycles per hour
Number of Poles	4P
Power Loss	at Rated Operating Conditions per Pole 8,5 W
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) 100 kA (230 V AC) 100 kA (380 V AC) 70 kA (400 V AC) 70 kA (415 V AC) 70 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(440 V AC) 55 kA
	(500 V AC) 36 kA
	(690 V AC) 8 kA
	(220 V AC) 10 kA
	(230 V AC) 10 kA
	(380 V AC) 70 kA
	(400 V AC) 70 kA
	(415 V AC) 70 kA
	(440 V AC) 55 kA
	(500 V AC) 36 kA
(690 V AC) 8 kA	
(250 V DC) 2 Poles in Series 70 kA	
(250 V DC) 3 Poles in Series 85 kA	
(500 V DC) 3 Poles in Series 70 kA	
Rated Uninterrupted Current (I_u)	160 A
Release	TMD
Release Type	TM
Short-Circuit Performance Level	H
Standards	IEC 60947
Sub-type	T2
Terminal Connection Type	Fixed Circuit-Breakers Front
Test Voltage Max (U_{test})	3000 V
Test Voltage at Industrial Frequency for 1 Minute	3000 V

Certificates and Declarations

Data Sheet, Technical Information	1SDC210004D0203
Declaration of Conformity - CE	1SDL000165R0002
GL Certificate	1SDL000163R0059
Data Sheet, Technical Information (Part 2)	1SDM000030R0001
Wiring Diagram	1SDM000030R0001
Instructions and Manuals	ITSCE-RH0012001
Instructions and Manuals (Part 2)	ITSCE-RH0100.001
Instructions and Manuals (Part 3)	ITSCE-RH0012002

External Classifications and Standards

Object Classification Code	Q
UNSPSC	39121100

Categories

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

