

# T4H 250 TMA 160-1600 4p F F InN=100%In



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## General Information

Extended Product Type	T4H 250 TMA 160-1600 4p F F InN=100%In
Product ID	1SDA054280R1
EAN	8015644553777
Catalog Description	T4H 250 TMA 160-1600 4p F F InN=100%In
Long Description	C.BREAKER TMAX T4H 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 160 I3=800...1600 A FULLY RATED NEUTRAL

## Ordering

EAN	8015644553777
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

## Dimensions

Product Net Width	140 mm
Product Net Height	205 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	3.05 kg

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	248 mm
Package Level 1 Height	240 mm
Package Level 1 Depth / Length	285 mm
Package Level 1 Gross Weight	3.5 kg
Package Level 1 EAN	8015644553777

## Additional Information

Electrical Durability	8000 cycle 120 cycles per hour
Mechanical Durability	20000 cycle 240 cycles per hour
Number of Poles	4

Power Loss	at Rated Operating Conditions per Pole 7,4 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 ( $U_i$ )	1000 V
Rated Operational Voltage	690 V AC 750 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 (440 V AC) 65 kA (500 V AC) 50 kA (690 V) 40 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(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 (440 V AC) 65 kA (500 V AC) 50 kA (690 V AC) 40 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 2 Poles in Series 50 kA (750 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current ( $I_u$ )	250 A
Release Type	TM
Standards	IEC 60947
Sub-type	T4
Suitable For	T4
Suitable for Product Class	Moulded Case Circuit Breakers
Terminal Connection Type	Fixed Circuit-Breakers Front
Test Voltage Max ( $U_{test}$ )	3500 V
Test Voltage at Industrial Frequency for 1 Minute	3500 V
Version	F

## Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SDC210004D0203
Declaration of Conformity - CE	1SDL000165R0004
Environmental Information	1SDL000140R0
GL Certificate	1SDL000163R0061
Instructions and Manuals	1SDH000436R0001
RoHS Information	1SDL000200R0001

## Classifications

ETIM 4	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 5	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 6	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection

Object Classification Code	Q
UNSPSC	39121100
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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