

PRODUCT-DETAILS

XT3N 250 TMD 250-2500 3p F F

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General Information

Extended Product Type	XT3N 250 TMD 250-2500 3p F F
Product ID	1SDA068059R1
EAN	8015644019303
Catalog Description	XT3N 250 TMD 250-2500 3p F F
Long Description	C.BREAKER TMAX XT3N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 250-2500 A

Ordering

Order Code US and Canada	XT3NE3250AFF000XXX
E-Number (Finland)	3641005
E-Number (Sweden)	3182434
EAN	8015644019303
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
Product Net Height	150 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.64 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	155 mm
Package Level 1 Height	190 mm
Package Level 1 Depth / Length	155 mm
Package Level 1 Gross Weight	1.73 kg
Package Level 1 EAN	8015644019303
Package Level 2 EAN	8015644019303

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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Additional Information

Brand / Label	ABB
Circuit Breaker Type to be Associated	Power Distribution
Current Type	AC/DC
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	3
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 17.8 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	CB
Rated Current (I_n)	250 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U_r)	690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_i)	2500 A
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 (240 V AC) 37.5 kA (380 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 18.75 kA (500 V AC) 15 kA (525 V AC) 9.75 kA (690 V AC) 3.75 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking	(220 V AC) 50 kA (230 V AC) 50 kA

Capacity (I _{cu})	(240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 25 kA (500 V AC) 20 kA (525 V AC) 13 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I _u)	250 A
Release	TMD
Release Type	TM
RoHS Date	NA
Setting Range	175...250 A
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	XT3
Terminal Connection Type	Fixed Circuit-Breakers
Version	F
CAD Dimensional Drawing	1SDH001295R0409

Certificates and Declarations (Document Number)

ABS Certificate	1SDL000163R0109
ATEX Certificate	No certification needed
BV Certificate	1SDL000163R0099
CB Certificate	9AKK106713A2844
CQC Certificate	CQC2013010307638938 CQC2013010307650261 CQC2018010307082339
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CCC	9AKK108466A7756 2020980307003310 2020980307003402
Declaration of Conformity - CE	9AKK106713A5530
DNV GL Certificate	1SDL000163R0096
EAC Certificate	9AKK10103A1027
Environmental Information	9AKK107991A8215
GL Certificate	1SDL000163R0094
I ² t Characteristic	1SDC210099D0206
Instructions and Manuals	1SDH000720R0001
KC Certificate	SW05006-15010
LR Certificate	1SDL000163R0100
REACH Declaration	9AKK108466A1425
RINA Certificate	1SDL000163R0098
RoHS Information	9AKK108466A1424
Time-Current Characteristic Curve	1SDC210099D0206
UL Certificate	1SDL000163R0113
VDE Certificate	No certification needed
Dimension Diagram	1SDC210099D0206
Mechanical Drawings	1SDH000720R0100
Wiring Diagram	1SDM000068R0001

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	
ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection	
Object Classification Code	Q	
UNSPSC	39120000	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)	
eClass	V11.1 : 27370409	

Categories

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

