



PRODUCT-DETAILS

XT6N 800 TMA 630-6300 3p F F

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General Information

Extended Product Type	XT6N 800 TMA 630-6300 3p F F
Product ID	1SDA107561R1
EAN	8015644101749
Catalog Description	XT6N 800 TMA 630-6300 3p F F
Long Description	C.BREAKER TMAX XT6N 800 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 630 I3=3150...6300

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 60 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2355

Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A9751 9AKK108468A1894
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Environmental

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Ordering

Order Code US and Canada	XT6NE3630BFF000XXX
EAN	8015644101749
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	268 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	9.144 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	305 mm
Package Level 1 Height	285 mm
Package Level 1 Depth / Length	370 mm
Package Level 1 Gross Weight	9.625 kg
Package Level 1 EAN	8015644101749

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Configuration Type	Loose or configurable
Current Type	AC/DC
Electrical Durability	120 cycles per hour 5000 cycle
Mechanical Durability	240 cycles per hour 20000 cycle
Number of Poles	3
Order Multiple	1 piece
Power Loss	34.4 W

Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	630 A
Rated Frequency (f)	50/60 Hz
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_l)	3150...6300 A
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) 70 kA (230 V AC) 70 kA (240 V AC) 70 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 25 kA (525 V AC) 25 kA (690 V AC) 20 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 2 Poles in Series 10 kA (750 V DC) 3 Poles in Series 8 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 70 kA (230 V AC) 70 kA (240 V AC) 70 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 25 kA (525 V AC) 25 kA (690 V AC) 20 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 2 Poles in Series 20 kA (750 V DC) 3 Poles in Series 18 kA
Rated Uninterrupted Current (I_u)	800 A
Release	TMA
Release Type	TM
Setting Range	441...630 A
Short-Circuit Performance Level	N
Standards	IEC60947-2
Sub-type	XT6
Suitable for Product Class	SACE Tmax XT
Terminal Connection Type	Front
Version	F
CAD Dimensional Drawing	1SDH002065A1190 1SDH002065A1245

Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK107680A2825
Mechanical Drawings	1SDH002012A1101
Wiring Diagram	1SDM000005A1001
Instructions and Manuals	1SDH002012A1001

Classifications

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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

