



PRODUCT-DETAILS

XT6N 800 TMA In=800A 4p F F InN100%In UL

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General Information	
Extended Product Type	XT6N 800 TMA In=800A 4p F F InN100%In UL
Product ID	1SDA102860R1
EAN	8015644033712
Catalog Description	XT6N 800 TMA In=800A 4p F F InN100%In UL
Long Description	C.BREAKER TMAX T6N 800 UL/CSA FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 800 I3=4000...8000 A A FULLY RATED NEUTRAL

ABB EcoSolutions	
ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2355
Environmental Product Declaration - EPD	9AKK108468A1894
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 60 %

Material Compliance		
REACH Declaration		9AKK108466A1425
RoHS Information		9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019	
Conflict Minerals Reporting Template (CMRT)		9AKK108467A5658
Toxic Substances Control Act - TSCA		9AKK108467A8326

Environmental		
Environmental Information		9AKK108467A6707

Ordering		
Order Code US and Canada		XT6NU4800BFF000XXX
EAN		8015644033712
Minimum Order Quantity		1 piece
Customs Tariff Number		85362090

Dimensions		
Product Net Width		280 mm
Product Net Height		268 mm
Product Net Depth / Length		103.5 mm
Product Net Weight		12 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		14 kg
Package Level 1 EAN		8015644033712

Additional Information		
Circuit Breaker Type to be Associated		Power Distribution
Product Main Type		SACE Tmax XT
Product Name		Moulded Case Circuit Breaker
Product Type		Automatic Circuit Breaker
Suitable for Product Class		SACE Tmax XT
Version		F

Technical

Current Type	AC/DC
Mechanical Durability	20000 cycle 120 cycles per hour
Number of Poles	4P
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 54 W
Rated Current (I _N)	800 A
Rated Instantaneous Short-Circuit Current Setting (I _i)	4000...8000 A
Rated Operational Voltage	600 V AC
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	560...800 A
Short-Circuit Performance Level	N
Standards	UL489
Sub-type	XT6
Terminal Connection Type	Front

Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 65 kA (480 V AC) 35 kA (600 V AC) 20 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 2 Poles in Series 35 kA (600 V DC) 3 Poles in Series 20 kA
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Certificates and Declarations

Data Sheet, Technical Information	1SDC210200D0206 1SDC210199D0206
Declaration of Conformity - CE	9AKK107680A2825
Mechanical Drawings	1SDH002012A1101
Wiring Diagram	1SDM000005A1001
Instructions and	1SDH002012A1002

External Classifications and Standards		
ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection	
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection	
IDEA Granular Category Code (IGCC)	4927 >> Molded case circuit breakers	
UNSPSC	39121616	
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

