PRODUCT-DETAILS

XT4V 250 TMF 80-800 3p F F UL/CSA

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General Information

Extended Product Type	XT4V 250 TMF 80-800 3p F F UL/CSA
Product ID	1SDA080160R1
EAN	8015644866891
Catalog Description	XT4V 250 TMF 80-800 3p F F UL/CSA
Long Description	C.BREAKER TMAX XT4V 250 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 80-800 A

ABB EcoSolutions

ABB EcoSolutions	Yes

Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.30 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2351

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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	9AKK108468A1892

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	XT4VU3080AFF000XXX
EAN	8015644866891
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
Product Net Height	160 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	2.5 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	145 mm
Package Level 1 Height	210 mm
Package Level 1 Depth / Length	168 mm
Package Level 1 Gross Weight	2.5 kg
Package Level 1 EAN	8015644866891

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 85..200 mm²
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

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	CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 5.5 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	80 A
Rated Voltage (U_r)	600 V
Rated Instantaneous Short-Circuit Current Setting (I_i)	800 A
Rated Operational Voltage	600 V AC 600 V DC
Rated Uninterrupted Current (I_u)	250 A
Recommended Screw Driver	Main Circuit M8
Release	TMF
Release Type	TM
Setting Range	80 A
Short-Circuit Performance Level	V
Standards	UL489
Sub-type	XT4
Suitable for Product Class	SACE Tmax XT
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1003

Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 200 kA (480 V AC) 150 kA (600 V AC) 65 kA (250 V DC) 2 Poles in Series 100 kA (600 V DC) 3 Poles in Series 85 kA

Certificates and Declarations

ATEX Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	9AKK10103A3908
Data Sheet, Technical Information	1SDC210200D0206 1SDC210199D0206
Declaration of Conformity - CE	9AKK106713A5529
UL Certificate	1SDL000163R0114
VDE Certificate	No certification needed
Dimension Diagram	1SDH000722R0100
Mechanical Drawings	1SDH000722R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000722R0003 1SDH000721R0505

Classifications

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

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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
Object Classification Code	Q
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

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