PRODUCT-DETAILS

XT5S 600 TMA 500-5000 3p FF UL

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General Information

Extended Product Type	XT5S 600 TMA 500-5000 3p FF UL
Product ID	1SDA102483R1
EAN	8056221022118
Catalog Description	XT5S 600 TMA 500-5000 3p FF UL
Long Description	C.BREAKER TMA XT5S 600 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 500 I3=2500...5000 A A FULLY RATED NEUTRAL

ABB EcoSolutions

ABB EcoSolutions	Yes

Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 59.6 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

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End of Life Instructions	9AKK108468A2353
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	9AKK108468A1893

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	XT5SU350BBFF000XXX
EAN	8056221022118
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	4.8 kg

Container Information

Package Level 1 Units	box 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	4.8 kg
Package Level 1 EAN	8056221022118

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Current Type	AC/DC
Mechanical Durability	240 cycles per hour 20000 cycle
Number of Poles	3
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 46 W
Product Main Type	SACE Tmax XT

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Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	500 A
Rated Instantaneous Short-Circuit Current Setting (I_i)	3000…5000 A
Rated Operational Voltage	600 V AC 600 V DC
Rated Uninterrupted Current (I_u)	600 A
Release	TMA
Release Type	TM
Setting Range	420...600 A
Short-Circuit Performance Level	S
Standards	UL489
Sub-type	XT5
Suitable for Product Class	SACE Tmax XT
Terminal Connection Type	Front
Version	F
CAD Dimensional Drawing	1SDH002065A1115 1SDH002065A1131

Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 100 kA (480 V AC) 50 kA (600 V AC) 25 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 2 Poles in Series 35 kA (600 V DC) 3 Poles in Series 25 kA

Certificates and Declarations

Data Sheet, Technical Information	1SDC210200D0206 1SDC210199D0206
Declaration of Conformity - CE	9AKK107680A2824
Mechanical Drawings	1SDH002011A1101
Wiring Diagram	1SDM000005A1001
Instructions and Manuals	1SDH002011A1002

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
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

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Categories

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





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