



PRODUCT-DETAILS

# XT4N 250 TMA 150 750..1500 3p F F UL/CSA

## XT4N 250 TMA 150 750..1500 3p F F UL/CSA



General Information	
Extended Product Type:	XT4N 250 TMA 150 750..1500 3p F F UL/CSA
Product ID:	1SDA075165R1
EAN:	8015644791421
Catalog Description:	XT4N 250 TMA 150 750..1500 3p F F UL/CSA
Long Description:	C.BREAKER TMAX XT4N 250 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 150 I3=750...1500 A
Display Name:	XT4N 250 TMA 150 750..1500 3p F F UL/CSA

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:	9AKK108468A2351
Environmental Product Declaration - EPD:	9AKK108468A1892
Extended Product Lifetime:	Product Modularity
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 56.30 %

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### Material Compliance

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

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### Environmental

<b>Environmental Information:</b>	9AKK108467A6707
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### Ordering

<b>Order Code US and Canada:</b>	XT4NU3150BFF000XXX
<b>EAN:</b>	8015644791421
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362090

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### Dimensions

<b>Product Net Width:</b>	105 mm
<b>Product Net Height:</b>	160 mm
<b>Product Net Depth / Length:</b>	82.5 mm
<b>Product Net Weight:</b>	2.5 kg

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### Container Information

<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Width:</b>	145 mm
<b>Package Level 1 Height:</b>	210 mm
<b>Package Level 1 Depth / Length:</b>	168 mm
<b>Package Level 1 Gross Weight:</b>	2.5 kg
<b>Package Level 1 EAN:</b>	8015644791421

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### Additional Information

<b>Circuit Breaker Type to be Associated:</b>	Power Distribution
<b>Product Main Type:</b>	SACE Tmax XT

<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Type:</b>	Automatic Circuit Breaker
<b>Suitable for Product Class:</b>	SACE Tmax XT
<b>Version:</b>	F
<b>CAD Dimensional Drawing:</b>	1SDH002230A1003

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## Technical

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<b>Connecting Capacity Main Circuit:</b>	Busbar 85..200 mm <sup>2</sup>
<b>Current Type:</b>	AC/DC
<b>Electrical Durability:</b>	120 cycles per hour 8000 cycle
<b>Mechanical Durability:</b>	240 cycles per hour 25000 cycle
<b>Number of Poles:</b>	3P
<b>Opening Time:</b>	CB with SOR 30 ms CB with UVR 30 ms
<b>Order Multiple:</b>	1 piece
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 7.8 W
<b>Rated Current (I<sub>n</sub>):</b>	150 A
<b>Rated Instantaneous Short-Circuit Current Setting (I<sub>i</sub>):</b>	750...1500 A
<b>Rated Operational Voltage:</b>	600 V AC 600 V DC
<b>Rated Uninterrupted Current (I<sub>u</sub>):</b>	250 A
<b>Rated Voltage (U<sub>r</sub>):</b>	600 V
<b>Recommended Screw Driver:</b>	Main Circuit M8
<b>Release:</b>	TMA
<b>Release Type:</b>	TM
<b>Setting Range:</b>	105...150 A
<b>Short-Circuit Performance Level:</b>	N
<b>Standards:</b>	UL489
<b>Sub-type:</b>	XT4
<b>Terminal Connection Type:</b>	Front
<b>Terminal Type:</b>	Bolt
<b>Tightening Torque:</b>	8 N·m

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## Technical UL/CSA

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<b>Interrupting Rating acc. to UL489:</b>	(240 V AC) 65 kA (480 V AC) 25 kA (600 V AC) 18 kA (250 V DC) 2 Poles in Series 35 kA (600 V DC) 3 Poles in Series 35 kA
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## Certificates and Declarations

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

## External Classifications and Standards

<b>ETIM 9:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation protection
<b>ETIM 10:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation protection
<b>IDEA Granular Category Code (IGCC):</b>	4927 >> Molded case circuit breakers
<b>Object Classification Code:</b>	Q
<b>UNSPSC:</b>	39121616
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>eClass:</b>	V11.1 : 27370409

## Accessories

Identifier	Description	Type	Qty	Unit Of Measure
1SDA075893R1	KIT FC Cu XT4 10-250 AWG 250A 3pcsUL/CSA	KIT FC Cu XT4 10-250 AWG 250A 3pcsUL/CSA	1	piece
1SDA075895R1	KIT FC Cu XT4 10-250 AWG 250A 6pcsUL/CSA	KIT FC Cu XT4 10-250 AWG 250A 6pcsUL/CSA	1	piece
1SDA075857R1	KIT FC CuAl 14-1/0 AWG XT4 3pcs UL/CSA	KIT FC CuAl 14-1/0 AWG XT4 3pcs UL/CSA	1	piece
1SDA075859R1	KIT FC CuAl 14-1/0 AWG XT4 6pcs UL/CSA	KIT FC CuAl 14-1/0 AWG XT4 6pcs UL/CSA	1	piece
1SDA075861R1	KIT FC CuAl 4-300 AWG XT4 3pcs UL/CSA	KIT FC CuAl 4-300 AWG XT4 3pcs UL/CSA	1	piece
1SDA075863R1	KIT FC CuAl 4-300 AWG XT4 6pcs UL/CSA	KIT FC CuAl 4-300 AWG XT4 6pcs UL/CSA	1	piece
1SDA075865R1	KIT FC CuAl 3/0-350 kcmil XT4 3pcs UL/CSA	KIT FC CuAl 3/0-350 kcmil XT4 3pcs UL/CSA	1	piece
1SDA075867R1	KIT FC CuAl 3/0-350 kcmil XT4 6pcs UL/CSA	KIT FC CuAl 3/0-350 kcmil XT4 6pcs UL/CSA	1	piece
1SDA075909R1	KIT MC Cu 6x12-2 AWG XT4 3pcs UL/CSA	KIT MC Cu 6x12-2 AWG XT4 3pcs UL/CSA	1	piece
1SDA075911R1	KIT MC Cu 6x12-2 AWG XT4 6pcs UL/CSA	KIT MC Cu 6x12-2 AWG XT4 6pcs UL/CSA	1	piece

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## Categories

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

