



PRODUCT-DETAILS

# XT2H 125 TMA 100-500..1000 3p F F UL/CSA

## XT2H 125 TMA 100-500..1000 3p F F UL/CSA



General Information	
Extended Product Type:	XT2H 125 TMA 100-500..1000 3p F F UL/CSA
Product ID:	1SDA074800R1
EAN:	8015644787776
Catalog Description:	XT2H 125 TMA 100-500..1000 3p F F UL/CSA
Long Description:	C.BREAKER TMAX XT2H 125 UL/CSA FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 100 I3=500...1000 A
Display Name:	XT2H 125 TMA 100-500..1000 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:	9AKK108468A2348
Environmental Product Declaration - EPD:	9AKK108468A1891
Extended Product Lifetime:	Product Modularity
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

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## Material Compliance

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<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
<b>SCIP:</b>	ce02b563-7ee3-4d12-b264-102964f5b85d Italy
<b>Simplified SCIP:</b>	8dccbd82-82a1-4560-86a2-c6b0cf8ca067 Belgium 8f961ddc-1f26-4946-94e6-deef48164072 Spain 3e2e4335-225e-451b-ba70-6be2f0501599 Hungary f1a49369-8457-408e-bf54-34320d6e746a Sweden cf9a2a94-1369-4c47-ba79-035658acdd41 Germany aae14b91-4bd2-4f0d-ae0f-28cf4034424a Denmark 07d92320-7670-46be-bcd5-d2a204747d4d Germany 126533f7-c99b-4af7-91ff-395efdb06b70 Croatia 82219d04-27bc-4ac3-aa61-f58c269283e4 France 794c996d-7c8d-4ddd-a112-72578eb67cec Czech Republic f7083f06-f9c7-46c2-a9ed-beaa8b2aa099 Portugal 4f2bf161-4ee8-4361-a9a5-c5ffc8f34fed Netherlands bfe8da3d-8089-4fac-a342-c0c2836cf8a7 Sweden d68105ee-6e3b-442e-af82-3f94f9425d56 Norway 9430212f-5a6d-4b23-a056-99f2d6f27e29 Bulgaria cffb199f-c0b6-44c9-8a05-48a93cd7aa9a Poland aa2bb74f-402c-4b51-95d2-9599b0c2debc Germany 47916e93-80b9-41dc-9ba3-189fddd7cd15 Germany 1cf3c7fb-b232-499f-b1ff-254be703bdb3 Poland e37a81b2-c685-49a5-b097-f001217f56a5 Estonia 3444fda8-482c-482e-a0ba-80c6032b5ecd Belgium 059fee7d-f17a-4a2b-ae48-b759ab6a4c7a Greece a2aa15e6-05c0-4831-bd2c-1db811c98570 France c4f9f022-4f04-4185-815b-d69fb2cf43bb Germany 9c8bb83b-429d-4a5f-ae78-d00182f65c42 Poland d6818202-896a-434f-81b1-1d3855c6a9ac Hungary c935ad34-7018-4b91-bfb6-1c61ebdf1b79 Finland

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## Environmental

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

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<b>Order Code US and Canada:</b>	XT2HU3100BFF000XXX
<b>EAN:</b>	8015644787776
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362090

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## Dimensions

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<b>Product Net Width:</b>	90 mm
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<b>Product Net Height:</b>	130 mm
<b>Product Net Depth / Length:</b>	82.5 mm
<b>Product Net Weight:</b>	1.1 kg

## Container Information

<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Width:</b>	131 mm
<b>Package Level 1 Height:</b>	212 mm
<b>Package Level 1 Depth / Length:</b>	147 mm
<b>Package Level 1 Gross Weight:</b>	1.2 kg
<b>Package Level 1 EAN:</b>	8015644787776

## 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>	1SDH002230A1001

## Technical

<b>Connecting Capacity Main Circuit:</b>	Busbar 32.5..100 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 8.1 W
<b>Rated Current (I<sub>n</sub>):</b>	100 A
<b>Rated Instantaneous Short-Circuit Current Setting (I<sub>i</sub>):</b>	500...1000 A
<b>Rated Operational Voltage:</b>	600 V AC 500 V DC
<b>Rated Uninterrupted Current (I<sub>u</sub>):</b>	125 A
<b>Rated Voltage (U<sub>r</sub>):</b>	600 V
<b>Recommended Screw Driver:</b>	Main Circuit M6

<b>Release:</b>	TMA
<b>Release Type:</b>	TM
<b>Setting Range:</b>	70...100 A
<b>Short-Circuit Performance Level:</b>	H
<b>Standards:</b>	UL489
<b>Sub-type:</b>	XT2
<b>Terminal Connection Type:</b>	Front
<b>Terminal Type:</b>	Bolt
<b>Tightening Torque:</b>	6 N·m

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## Technical UL/CSA

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<b>Interrupting Rating acc. to UL489:</b>	(240 V AC) 150 kA (480 V AC) 65 kA (600 V AC) 25 kA (250 V DC) 2 Poles in Series 65 kA (500 V DC) 3 Poles in Series 65 kA
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## Certificates and Declarations

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<b>ATEX Certificate:</b>	No certification needed
<b>CSA Certificate (Intrinsic Safe):</b>	9AKK10103A3906
<b>Data Sheet, Technical Information:</b>	1SDC210200D0206 1SDC210199D0206
<b>Declaration of Conformity - CE:</b>	9AKK106713A5901
<b>UL Certificate:</b>	1SDL000163R0112
<b>VDE Certificate:</b>	No certification needed
<b>Dimension Diagram:</b>	1SDH000721R0100
<b>Mechanical Drawings:</b>	1SDH000721R0100
<b>Wiring Diagram:</b>	1SDM000068R0001
<b>Instructions and Manuals:</b>	1SDH000721R0003 1SDH000721R0505

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## External Classifications and Standards

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<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

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## Categories

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

