



PRODUCT-DETAILS

# XT6N 800 TMA 800-8000 4p F F InN=100%In

## XT6N 800 TMA 800-8000 4p F F InN=100%In



General Information	
Extended Product Type	XT6N 800 TMA 800-8000 4p F F InN=100%In
Product ID	1SDA100731R1
EAN	8056221003568
Catalog Description	XT6N 800 TMA 800-8000 4p F F InN=100%In
Long Description	C.BREAKER TMAX XT6N 800 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE FOUR-POLE IN AC-DC TMA R 800 I3=4000...8000 A FULLY RATED NEUTRAL

ABB EcoSolutions	
ABB EcoSolutions	Yes
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 60 %
Principles Recyclability Rate	
End of Life Instructions	9AKK108468A2355
Environmental Product Declaration - EPD	9AKK108468A9751 9AKK108468A1894
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

**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
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**Ordering**

Order Code US and Canada	XT6NE4800BFF000XXX
E-Number (Norway)	4380571
EAN	8056221003568
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	8056221003568

**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
Version	F

CAD Dimensional  
Drawing

1SDH002065A1214  
1SDH002065A1245

**Technical**

Current Type	AC/DC
Electrical Durability	5000 cycle 60 cycles per hour
Mechanical Durability	20000 cycle 120 cycles per hour
Number of Poles	4
Order Multiple	1 piece
Power Loss	54.2 W
Rated Current (I <sub>n</sub> )	800 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	4000...8000 A
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC 750 V DC
Rated Service Short- Circuit Breaking Capacity (I <sub>cs</sub> )	(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 35 kA (500 V DC) 2 Poles in Series 20 kA (750 V DC) 3 Poles in Series 18 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	10 kA
Rated Ultimate Short- Circuit Breaking Capacity (I <sub>cu</sub> )	(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 35 kA (500 V DC) 2 Poles in Series 20 kA (750 V DC) 3 Poles in Series 18 kA
Rated Uninterrupted Current (I <sub>u</sub> )	800 A
Release	TMA
Release Type	TM
Setting Range	560...800 A
Short-Circuit Performance Level	N
Standards	IEC60947-2
Sub-type	XT6
Terminal Connection Type	Front

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## Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK107680A2825
Mechanical Drawings	1SDH002012A1101
Wiring Diagram	1SDM000005A1001
Instructions and Manuals	1SDH002012A1001

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## Classifications

ETIM 8	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
Object Classification Code	Q
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

