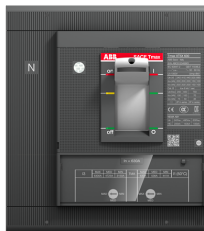




PRODUCT-DETAILS

# XT5N 630 TMG 500-2500 4p F F In=100%In

## XT5N 630 TMG 500-2500 4p F F In=100%In



General Information	
Extended Product Type	XT5N 630 TMG 500-2500 4p F F In=100%In
Product ID	1SDA100408R1
EAN	8056221004855
Catalog Description	XT5N 630 TMG 500-2500 4p F F In=100%In
Long Description	C.BREAKER TMAX XT5N 630 FIXED WITH FRONT TERMINALS AND SOLID-STATE THERMOMAGNETIC RELEASE TMG R 500 I3=1250...2500 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	9AKK108467A5658

(CMRT)

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	9AKK108468A9746
	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	XT5NE450BNFF000XXX
EAN	8056221004855
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

**Dimensions**

Product Net Width	186 mm
Product Net Height	205 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	5.6 kg

**Container Information**

Package Level 1 Units	box 1 piece
Package Level 1 Width	250 mm
Package Level 1 Height	245 mm
Package Level 1 Depth / Length	285 mm
Package Level 1 Gross Weight	6.088 kg
Package Level 1 EAN	8056221004855

**Additional Information**

Circuit Breaker Type to be Associated	Generator Protection
Current Type	AC/DC
Electrical Durability	120 cycles per hour

	5000 cycle
Mechanical Durability	240 cycles per hour 20000 cycle
Number of Poles	4
Order Multiple	1 piece
Power Loss	33.5 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I <sub>n</sub> )	500 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Instantaneous Short-Circuit Current Setting (I <sub>i</sub> )	1250...2500 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) 36 kA (500 V AC) 25 kA (525 V AC) 25 kA (690 V AC) 20 kA (250 V DC) 2 Poles in Series 6.25 kA (500 V DC) 2 Poles in Series 6.25 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	6 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) 36 kA (500 V AC) 25 kA (525 V AC) 25 kA (690 V AC) 20 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 2 Poles in Series 25 kA
Rated Uninterrupted Current (I <sub>u</sub> )	630 A
Release	TMG
Release Type	TM
Setting Range	350...500 A
Short-Circuit Performance Level	N
Standards	IEC60947-2
Sub-type	XT5
Terminal Connection Type	Front
Version	F
CAD Dimensional Drawing	1SDH002065A1183 1SDH002065A1131

**Certificates and Declarations**

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK107680A2824
Mechanical Drawings	1SDH002011A1101
Wiring Diagram	1SDM000005A1001
Instructions and Manuals	1SDH002011A1001

### 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
Object Classification Code	Q
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

