



PRODUCT-DETAILS

XT6H 800 TMA 800-8000 3p F F

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General Information	
Extended Product Type	XT6H 800 TMA 800-8000 3p F F
Product ID	1SDA100762R1
EAN	8056221008167
Catalog Description	XT6H 800 TMA 800-8000 3p F F
Long Description	C.BREAKER TMAX XT6H 800 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMA R 800 I3=4000...8000

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 60 %
Principles Recyclability Rate	
End of Life Instructions	9AKK108468A2355

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A9751 9AKK108468A1894
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Environmental

Environmental Information	9AKK108467A6707
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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

Ordering

Order Code US and Canada	XT6HE3800BFF000XXX
EAN	8056221008167
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	268 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	9.5 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	9.6 kg
Package Level 1 EAN	8056221008167

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	1SDH002065A1190 1SDH002065A1245

Technical	
Current Type	AC/DC
Electrical Durability	120 cycles per hour 5000 cycle
Mechanical Durability	240 cycles per hour 20000 cycle
Number of Poles	3
Order Multiple	1 piece
Power Loss	54.2 W
Rated Current (I _n)	800 A
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I _i)	4000...8000 A
Rated Insulation Voltage (U _i)	1000 V
Rated Operational Voltage	690 V AC 750 V DC
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 50 kA (500 V AC) 50 kA (525 V AC) 50 kA (690 V AC) 25 kA (250 V DC) 2 Poles in Series 35 kA (500 V DC) 2 Poles in Series 25 kA (750 V DC) 3 Poles in Series 18 kA
Rated Short-time Withstand Current Low Voltage (I _{cw})	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 50 kA (500 V AC) 50 kA (525 V AC) 50 kA (690 V AC) 25 kA (250 V DC) 2 Poles in Series 70 kA (500 V DC) 2 Poles in Series 50 kA (750 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I _u)	800 A
Release	TMA

Release Type	TM
Setting Range	560...800 A
Short-Circuit Performance Level	H
Standards	IEC60947-2
Sub-type	XT6
Terminal Connection Type	Front

Certificates and Declarations

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

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

Categories

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



Submitted by TECO Group