

PRODUCT-DETAILS

XT4V 160 MA 20 Im=100...200 3p F F

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General Information

Extended Product Type	XT4V 160 MA 20 Im=100...200 3p F F
Product ID	1SDA107704R1
EAN	8056221028486
Catalog Description	XT4V 160 MA 20 Im=100...200 3p F F
Long Description	C.BREAKER TMAX XT4V 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MA Iu 10 A I3=100...200 A

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 58.5 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2351
Group Waste to Landfill	UL 2799 Zero Waste To Landfill Validation available

Target

Toxic Substances Control Act - TSCA	9AKK108467A8326
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Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1892
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Environmental

Environmental Information	9AKK107991A8215 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	XT4VE3020MFF000XXX
EAN	8056221028486
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
Product Net Height	160 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	2.05 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	145 mm
Package Level 1 Height	210 mm
Package Level 1 Depth / Length	168 mm
Package Level 1 Gross Weight	2.5 kg
Package Level 1 EAN	8056221028486

Additional Information

Circuit Breaker Type to be Associated	Motor Protection
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Current Type	AC/DC
Electrical Durability	120 cycles per hour 10000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	3
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 2.6 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	20 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_s)	100...2000 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) 200 kA (230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 85 kA (525 V AC) 70 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 100 kA (500 V DC) 2 Poles in Series 100 kA (500 V DC) 3 Poles in Series 100 kA (750 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 200 kA (230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 85 kA (525 V AC) 70 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 100 kA (500 V DC) 2 Poles in Series 100 kA (500 V DC) 3 Poles in Series 100 kA (750 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I_u)	160 A
Release	MA
Release Type	M
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	XT4
Terminal Connection Type	Front

Version	F
CAD Dimensional Drawing	1SDH002230A1003

Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5529
Mechanical Drawings	1SDH000722R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000722R0001 1SDH000721R0505

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

