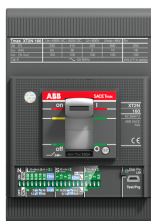


PRODUCT-DETAILS

XT2V 160 Ekip L SIG In=100A 3p F F

XT2V 160 Ekip L SIG In=100A 3p F F



General Information

Extended Product Type	XT2V 160 Ekip L SIG In=100A 3p F F
Product ID	1SDA067989R1
EAN	8015644018856
Catalog Description	XT2V 160 Ekip L SIG In=100A 3p F F
Long Description	C.BREAKER TMAX XT2V 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LSIG R 100 A

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 58.1 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2349
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances	9AKK108467A8326

Control Act - TSCA

Eco Transparency

Environmental Product Declaration - EPD 9AKK108468A1897

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 XT2VE3100GFF000XXX
 EAN 8015644018856
 Minimum Order Quantity 1 piece
 Customs Tariff Number 85362090

Dimensions

Product Net Width 90 mm
 Product Net Height 130 mm
 Product Net Depth / Length 82.5 mm
 Product Net Weight 1.12 kg

Container Information

Package Level 1 Units box 1 piece
 Package Level 1 Width 131 mm
 Package Level 1 Height 212 mm
 Package Level 1 Depth / Length 147 mm
 Package Level 1 Gross Weight 1.22 kg
 Package Level 1 EAN 8015644018856

Additional Information

Circuit Breaker Type to be Associated Power Distribution
 Connecting Capacity Main Circuit Busbar 32.5..100 mm²
 Current Type AC
 Electrical Durability 120 cycles per hour
 8000 cycle
 Mechanical Durability 240 cycles per hour
 25000 cycle
 Number of Poles 3
 Opening Time CB with SOR 15 ms

	CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 4.2 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I _n)	100 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U _r)	690 V
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Insulation Voltage (U _i)	1000 V
Rated Operational Voltage	690 V AC
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) 70 kA (525 V AC) 50 kA (690 V AC) 15 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) 70 kA (525 V AC) 50 kA (690 V AC) 20 kA
Rated Uninterrupted Current (I _u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	Ekip LSIG
Release Type	EL
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1001

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5901
GL Certificate	1SDL000163R0093
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed

VDE Certificate	No certification needed
Dimension Diagram	1SDH000721R0100
Mechanical Drawings	1SDH000721R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000721R0001 1SDH000721R0506

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
UNSPSC	39120000
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

