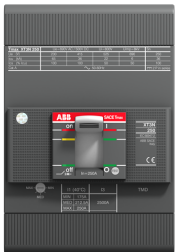


PRODUCT-DETAILS

XT3N 250 MA 160 Im=960...1920 3p F F

XT3N 250 MA 160 Im=960...1920 3p F F



General Information	
Extended Product Type	XT3N 250 MA 160 Im=960...1920 3p F F
Product ID	1SDA068073R1
EAN	8015644019549
Catalog Description	XT3N 250 MA 160 Im=960...1920 3p F F
Long Description	C.BREAKER TMAX XT3N 250 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MA lu 160 A I3=960...1920 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 56.6 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2350
Group Waste to Landfill	UL 2799 Zero Waste To Landfill Validation available

Target

Toxic Substances Control Act - TSCA	9AKK108467A8326
-------------------------------------	-----------------

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A2294 9AKK108468A7794
---	------------------------------------

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	XT3NE3160MFF000XXX
E-Number (Finland)	3642489
EAN	8015644019549
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
Product Net Height	150 mm
Product Net Depth / Length	70 mm
Product Net Weight	1.7 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	155 mm
Package Level 1 Height	190 mm
Package Level 1 Depth / Length	155 mm
Package Level 1 Gross Weight	1.7 kg
Package Level 1 EAN	8015644019549

Additional Information

Circuit Breaker Type to be Associated	Motor Protection
Connecting Capacity Main Circuit	Busbar 85..192 mm²
Current Type	AC/DC

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 7.9 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	160 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U_r)	690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_t)	960...1920 A
Rated Insulation Voltage (U_i)	800 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V AC) 37.5 kA (230 V AC) 37.5 kA (240 V AC) 37.5 kA (380 V AC) 27 kA (415 V AC) 27 kA (440 V AC) 18.75 kA (500 V AC) 15 kA (525 V AC) 9.75 kA (690 V AC) 3.75 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 50 kA (230 V AC) 50 kA (240 V AC) 50 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 25 kA (500 V AC) 20 kA (525 V AC) 13 kA (690 V AC) 5 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 50 kA
Rated Uninterrupted Current (I_u)	250 A
Recommended Screw Driver	Main Circuit M8
Release	MA
Release Type	M
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	XT3
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	8 N·m
Version	F
CAD Dimensional	1SDH001295R0409

Drawing

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5530
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000720R0100
Mechanical Drawings	1SDH000720R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000720R0001

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

