

PRODUCT-DETAILS

XT2N 160 Ekip LS/I In=100A 4p F F

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General Information	
Extended Product Type	XT2N 160 Ekip LS/I In=100A 4p F F
Product ID	1SDA067093R1
EAN	8015644009984
Catalog Description	XT2N 160 Ekip LS/I In=100A 4p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LS/I R 100 A

ABB EcoSolutions	
ABB EcoSolutions	Yes

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

Target

Toxic Substances	9AKK108467A8326
Control Act - TSCA	

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1897
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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
SCIP	1609eb08-e8c3-49f6-a890-5962b956c26a Italy (IT)
Simplified SCIP	3279b360-ceb2-40ea-b5b8-ad72e423bb05 Spain (ES) 6ac6f831-68c4-4551-866e-5ed081f7a07c Netherlands (NL) 4a89c54b-032f-44b5-8c8d-7d0cd35d046d France (FR) dc15b3fa-19b5-4923-89a3-4f384f029b96 Norway (NO) 9c25bb52-db28-4e2a-be76-f41b92ffcb96 Finland (FI) bbeb138e-7cf5-43cb-8bbd-f9e0719d5446 Netherlands (NL) e961004c-4e95-4d96-8754-18691fa102c8 Germany (DE) a1af2075-79ed-4e69-8dec-d7d01a11d005 Denmark (DK) 42f7f0f4-82fb-4da9-b6b4-dac9338df2b5 Germany (DE) 70f63eea-c99f-4c68-915d-74403104364f Croatia (HR) 0a736fed-59fb-4cff-b7ba-d7e241a4a7e6 Czech Republic (CZ) bc2c2cd5-113a-4784-b74f-4cf636b4422f Poland (PL) 40f41cc1-1b98-417a-bb07-243fb7c3fe3f Netherlands (NL) ebb38ec1-7540-4385-afe0-3f267dc7206b Netherlands (NL) fb7779a5-51b6-4c0f-aa58-396fa1050337 Estonia (EE) 221148f9-5cc5-42e4-88bf-d791d508f5c6 Greece (GR) d6c079cf-0aac-4ee2-af23-f75ebd1e4551 Portugal (PT) 9536aa0e-b9f0-4044-ba23-d6dafab7e594 Bulgaria (BG) 30f517d9-e24a-482d-9248-71ee1fe24992 Sweden (SE) 4a15787d-6911-41b5-ba3c-dfa454f63944 Germany (DE) 8c818d40-0b99-43a8-b304-fd0f4d823bb2 Poland (PL) bbad2d35-7d33-4dd1-b173-bb90a75acec2 Poland (PL) 550fd77c-2475-483b-9e56-8478c5380788 Sweden (SE) 4678f95a-3f6c-4fb5-a749-2dc77f54a61e Germany (DE) 26238bc6-eb5c-4e9b-adf4-ff0acc6286b7 France (FR) 37e16bd4-4f1f-4945-8881-a4cbedaa4ae6 Netherlands (NL)

Ordering

Order Code US and Canada	XT2NE4100EFF000XXX
E-Number (Finland)	3640566
E-Number (Sweden)	3182034
EAN	8015644009984
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	120 mm
Product Net Height	130 mm
Product Net Depth /	82.5 mm

Length	
Product Net Weight	1.6 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	130 mm
Package Level 1 Height	208 mm
Package Level 1 Depth / Length	145 mm
Package Level 1 Gross Weight	2.15 kg
Package Level 1 EAN	8015644009984

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	4
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) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA

	(525 V AC) 20 kA (690 V AC) 10 kA
Rated Uninterrupted Current (I _u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	Ekip LS/I
Release Type	EL
RoHS Date	NA
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1002

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

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

