

PRODUCT-DETAILS

# XT2N 160 Ekip LS/I In=100A 3p F F

## XT2N 160 Ekip LS/I In=100A 3p F F



### General Information

Extended Product Type	XT2N 160 Ekip LS/I In=100A 3p F F
Product ID	1SDA067057R1
EAN	8015644007942
Catalog Description	XT2N 160 Ekip LS/I In=100A 3p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LS/I 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	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	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	e44987f0-fb76-4840-b560-2a73f6a9886e Italy (IT)
Simplified SCIP	29c76948-3cf3-40c5-8ee7-c6b846d60d69 Croatia (HR) 52f66bef-d998-4d85-ac9c-757829c97dfe Czech Republic (CZ) 425aecc1-ad3b-4cae-8f39-ba04d1c89400 Poland (PL) 8bd63909-8ebe-4cce-8b4c-162ec1474706 Netherlands (NL) 7d365a49-4cd0-4e95-b1c7-d3126e830ca8 Netherlands (NL) 9988192e-dc31-41ff-ad6c-f9a185303e5e Estonia (EE) 57cef900-af82-48f0-8273-072b3242dee1 Greece (GR) ee217784-8e7f-472d-9bd9-7334944dec1f France (FR) c53840d0-755c-4b53-a595-d3f683686048 Norway (NO) 8d7b39c4-58b3-4e85-8ac9-c73df71d5e18 Finland (FI) 974fcb10-0e51-495d-b062-880e974e33af Netherlands (NL) c73752fa-5da6-4c5e-84a1-38edc74a10df Germany (DE) b8a426c2-2394-4dbb-bdae-56a5a5a80ec0 Denmark (DK) 3d6be772-cd6c-4d90-8d7f-1a6d14c032c5 Germany (DE) d78792f3-0a38-4eb0-a88b-3ee21b875421 Portugal (PT) 182f29d9-a1d9-4afb-858c-83b4ffb48993 Bulgaria (BG) 3082a138-f3fd-4861-b319-8d7a3d6d8715 Sweden (SE) 75f36e3c-d89a-46ef-a0ea-c51434e8513a Poland (PL) 1e5a3570-4002-4e54-acfd-1902e8ad8b2b Sweden (SE) 68ce4c70-772a-4976-90d4-e23228efb193 Germany (DE) c16138a9-0918-49c3-8725-ae70f059dec8 France (FR) dd02d451-7816-4821-98be-990c0c3614a7 Netherlands (NL) c33b1ab2-d5cd-4c4f-808c-d723c0d4c3e2 Spain (ES) b0446400-9797-4d15-bb44-59488ffb0244 Netherlands (NL) 96a1874e-a985-43b2-9ac0-8b73cafb1c4 Germany (DE) b734dc66-d3a4-4eab-99a3-f47edf4a7eaf Poland (PL)

**Ordering**

Order Code US and Canada	XT2NE3100EFF000XXX
E-Number (Finland)	3602492
E-Number (Sweden)	3182026
EAN	8015644007942
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

**Dimensions**

Product Net Width	90 mm
Product Net Height	130 mm
Product Net Depth /	82.5 mm

Length

Product Net Weight	1.4 kg
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**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	1.705 kg
Package Level 1 EAN	8015644007942

**Additional Information**

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 32.5..100 mm <sup>2</sup>
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 <sub>n</sub> )	100 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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 <sub>cu</sub> )	(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 <sub>u</sub> )	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	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

### 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

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## Categories

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

