



PRODUCT-DETAILS

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

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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

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2349
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108469A1855
	9AKK108468A1897

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	578022b9-3788-4b93-8a2e-b850a28f136c Germany (DE) 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-a985-43b2-9ac0-8b73cafbdc1c4 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 / Length	82.5 mm
Product Net Weight	1.4 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	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 ²
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) 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	IEC60947-2
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

Categories

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

