



PRODUCT-DETAILS

XT2N 160 Ekip LS/I In=160A 4pFF InN=100%

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General Information	
Extended Product Type	XT2N 160 Ekip LS/I In=160A 4pFF InN=100%
Product ID	1SDA067095R1
EAN	8015644010003
Catalog Description	XT2N 160 Ekip LS/I In=160A 4pFF InN=100%
Long Description	C.BREAKER TMAX XT2N 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LS/I R 160 A FULLY RATED NEUTRAL

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	060aee7b-5a26-4fae-8f26-8f1c6617efea Italy (IT)
Simplified SCIP	48f48167-7587-42cd-a517-40fc3b4587f7 Germany (DE) 9eedccba-1741-4fb3-832c-b25430f4097a Portugal (PT) ad4eaa00-9906-4f87-84aa-ca6c3f7abc71 Germany (DE) 2e034345-ac69-4ed8-8266-e2290d415876 Poland (PL) 0c6cb474-c50a-407d-bdd8-7ceb19763ad5 Sweden (SE) 2d2833d1-a110-4c1d-8f50-c9893d52e736 Germany (DE) c82ad2c3-f14b-4d68-8b20-9d8e2366b8a5 France (FR) b170c593-db9c-4e08-a9ba-41a71a24ca03 Netherlands (NL) 638cccd1-810b-480e-9886-78dfc6d7c333 Spain (ES) fb7cd8d4-c343-45af-a6b4-c37e3f85585e Netherlands (NL) ff541252-0325-4734-955b-630a690a053d Bulgaria (BG) e05a9fa1-1297-44ed-8e6b-72d556defa55 Sweden (SE) 191bf99a-6193-4124-99c5-db1c281d4e3d Poland (PL) 58371b36-a778-4817-b9ca-4f8b42bbc516 France (FR) 22dc3bb0-090d-41d0-9027-c23085688625 Norway (NO) a926e7b1-bd09-4c30-89a0-ff1962ef4325 Finland (FI) 82200646-bc7f-4dc3-a52b-aac649a9d008 Netherlands (NL) e682dd60-feee-45ed-9233-0035d9bd145c Germany (DE) 14e54362-1193-4281-a740-b2bf446faf41 Denmark (DK) 0b648ecd-95bf-4bc0-bf88-525b258e96c4 Germany (DE) ab2c4e17-1358-471f-b9c0-febe9be88731 Croatia (HR) 43e6cd2c-a63f-4374-8e95-a0cf137bab6e Czech Republic (CZ) d4b57ea0-cf79-4670-9404-9af0e36832fc Poland (PL) e9134eed-e26d-4c09-8bd6-b74d5013184f Netherlands (NL) 0296f209-3e4f-4104-a06a-47dcb425a87e Netherlands (NL) 86dbb277-8032-4d4d-b348-98ddd18d920d Estonia (EE) a2f1f056-6fff-4ba1-88df-47543602eb5e Greece (GR)

Ordering

Order Code US and Canada	XT2NE4160EFF000XXX
E-Number (Finland)	3640567
E-Number (Sweden)	3182035
EAN	8015644010003
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	120 mm
Product Net Height	130 mm
Product Net Depth / Length	82.5 mm
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	1.6 kg
Package Level 1 EAN	8015644010003

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 10.8 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 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	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
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

