



PRODUCT-DETAILS

XT2S 160 Ekip LS/I In=100A 4p F F

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General Information	
Extended Product Type	XT2S 160 Ekip LS/I In=100A 4p F F
Product ID	1SDA067836R1
EAN	8015644017323
Catalog Description	XT2S 160 Ekip LS/I In=100A 4p F F
Long Description	C.BREAKER TMAX XT2S 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 Principles	Design for Closing Resource Loops - Standard EN45555 - 55.70 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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
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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	9eb1504a-7a1b-469a-9aea-3db985751c11 Italy (IT)
Simplified SCIP	b5d595d6-1257-4b50-92a4-ff8eaf2f8a53 Germany (DE) 78bf8f35-7905-44e2-828c-ff4d8a630123 Finland (FI) 8f363337-dcd9-44fd-8990-a47c8aedddd5 Netherlands (NL) c4899fe1-7fa7-4597-a162-ab78ce2523ba Germany (DE) c0481b7d-5ae4-4869-81b0-5b14582752c4 Netherlands (NL) f58445ab-1933-4e1a-b4e1-2df06d3c8131 Netherlands (NL) 69220fe9-baa2-4f4a-8b7a-b6d376f940b4 Estonia (EE) 1d386019-ef0a-4bbe-8fe0-4d496c524448 Greece (GR) fac32ff8-d970-4b53-8f17-b70e2bd6a823 Portugal (PT) f51e105f-7721-4fff-af4a-41c6f8f3d6d5 Denmark (DK) bc45ec65-ae2c-44f7-ae1f-5902a7c34e62 Germany (DE) 341cd88b-ce0f-48df-b92e-6b8cf4ab40b1 Croatia (HR) 4a2050ae-16e2-45a2-86b2-fa0b6923b28c Czech Republic (CZ) 0cc43524-6de8-45ba-a48c-40ef2e0a44d1 Poland (PL) ed92500a-2d5d-4200-9972-907f3fb6ece4 Germany (DE) f0c18254-d5d1-4128-bcc9-96be89240a10 Germany (DE) 95a055a7-0edd-4b44-b135-e2c68a9ca3b4 France (FR) 5fc5c5ff-3c2a-4243-af4a-054bc8357e9c Netherlands (NL) 95da6abf-dbb7-4ae4-b19c-f0e32bf86233 Spain (ES) c8db6651-c8f9-4361-aaf2-e7b1db0447f7 Netherlands (NL) cd02d596-face-4b90-af46-d01b1e87577f Bulgaria (BG) 58e82de9-91b4-42ee-8e76-d23df4aa040a Sweden (SE) c36bb6ee-8731-4a27-b3b9-a4ae587f86ad Poland (PL) 571835d9-c0ac-4957-ab54-a6984e860ac9 France (FR) 6d2cebb8-ed94-4b4a-b269-89c8f4ac75fb Sweden (SE) 01647068-fc96-483a-96a8-616eb5c46cab Poland (PL) 35506c41-38be-4e1c-8999-e8ab3bd5d390 Norway (NO)

Ordering

Order Code US and Canada	XT2SE4100EFF000XXX
E-Number (Finland)	3640591
E-Number (Sweden)	3182037
EAN	8015644017323
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	2.15 kg
Package Level 1 EAN	8015644017323

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) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 36 kA (525 V AC) 25 kA (690 V AC) 12 kA
Rated Uninterrupted Current (I_u)	160 A
Recommended Screw Driver	Main Circuit M6
Release	Ekip LS/I
Release Type	EL
Short-Circuit Performance Level	S
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
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

