



PRODUCT-DETAILS

XT2S 160 Ekip LSI In=100A 4p F F

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General Information	
Extended Product Type	XT2S 160 Ekip LSI In=100A 4p F F
Product ID	1SDA067848R1
EAN	8015644017446
Catalog Description	XT2S 160 Ekip LSI 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-LSI 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
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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	b9fdde78-10af-4685-822d-87148910dfc4 Italy (IT)
Simplified SCIP	93c075a0-b278-4c6c-a3ad-87421d043be2 Germany (DE) 1b711bc4-75ab-4043-86c3-e428aac8774b Poland (PL) 091d6311-01cc-4c72-9687-48797e00dd03 Norway (NO) 50f3497d-ce6e-4e6e-82e3-38eec7535007 Finland (FI) 087e0d2a-5080-4fc8-8d9f-47b7bdcf4f99 Netherlands (NL) 47483495-1e26-45b4-9e5e-07e5a3cbdddf Germany (DE) bad3c6cb-4d2f-4499-ac86-4c3b1f304fda Netherlands (NL) f0b5a108-3bfd-406d-96bc-8ba9014da521 Netherlands (NL) c67b37d0-ab5e-4ad9-b3ca-3dd474718808 Estonia (EE) 43dd50f1-83ea-4d40-84ce-a4e218ebac62 Greece (GR) 04e98e82-de8e-4ea4-abb5-de2b3e9fbd31 Portugal (PT) 6e3ebb39-dc17-4f18-afb6-11fc909a3088 Denmark (DK) 3f99168a-0ee5-44fa-b209-35bd5f3cdd76 Germany (DE) d8f2c776-c51a-464b-bfee-2a127c97fb63 Croatia (HR) 2b0e0ed1-6f43-4caf-814e-be79ba4a82a2 Czech Republic (CZ) 48cece58-f4ac-4267-800c-86d6dc42c0d0 Poland (PL) a9b2545e-fb01-414e-9f8a-clf61061c36e Sweden (SE) 58d3b6d5-b6ea-4b7a-a5f3-8673cdcdc2a48 Germany (DE) dcc053d3-e01e-426e-b00a-34582c078f0f Germany (DE) 853f742e-2daf-4495-b8c7-23b7dd22d67d France (FR) 3c0bf6de-c652-47ea-b99f-cd91454b681e Netherlands (NL) 2db73045-cb9e-47b9-b356-74f7ace1052c Spain (ES) e8b275a7-1916-4414-a00c-d604f8581c06 Netherlands (NL) 0bbb425b-931f-4793-a8f6-98f0dbcd766f Bulgaria (BG) f8a5ae37-3cb9-4fe6-8422-79bb36d2aefc Sweden (SE) 7d78b3c8-c5f5-430e-9f0a-1b9238fae4a4 Poland (PL) 63efb767-e628-43b0-ad9b-6cdacef9dfc0 France (FR)

Ordering

Order Code US and Canada	XT2SE4100FFF000XXX
E-Number (Finland)	3640595
EAN	8015644017446
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	8015644017446

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	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 4.20 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 AC
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Insulation Voltage (U _i)	1000 V AC
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 LSI
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 1SDH000721R0506

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

