



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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2349
Environmental Product Declaration - EPD	9AKK108469A1855 9AKK108468A1897
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 55.70 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	b9fdde78-10af-4685-822d-87148910dfc4 Italy
Simplified SCIP	93c075a0-b278-4c6c-a3ad-87421d043be2 Germany 1b711bc4-75ab-4043-86c3-e428aac8774b Poland 091d6311-01cc-4c72-9687-48797e00dd03 Norway 50f3497d-ce6e-4e6e-82e3-38eec7535007 Finland 087e0d2a-5080-4fc8-8d9f-47b7bdcf4f99 Netherlands 47483495-1e26-45b4-9e5e-07e5a3cbbeddf Germany bad3c6cb-4d2f-4499-ac86-4c3b1f304fda Netherlands f0b5a108-3bfd-406d-96bc-8ba9014da521 Netherlands c67b37d0-ab5e-4ad9-b3ca-3dd474718808 Estonia 43dd50f1-83ea-4d40-84ce-a4e218ebac62 Greece 04e98e82-de8e-4ea4-abb5-de2b3e9fbd31 Portugal 6e3ebb39-dc17-4f18-afb6-11fc909a3088 Denmark 3f99168a-0ee5-44fa-b209-35bd5f3cdd76 Germany d8f2c776-c51a-464b-bfee-2a127c97fb63 Croatia 2b0e0ed1-6f43-4caf-814e-be79ba4a82a2 Czech Republic 48cece58-f4ac-4267-800c-86d6dc42c0d0 Poland a9b2545e-fb01-414e-9f8a-c1f61061c36e Sweden 58d3b6d5-b6ea-4b7a-a5f3-8673cddc2a48 Germany dcc053d3-e01e-426e-b00a-34582c078f0f Germany 853f742e-2daf-4495-b8c7-23b7dd22d67d France 3c0bf6de-c652-47ea-b99f-cd91454b681e Netherlands 2db73045-cb9e-47b9-b356-74f7ace1052c Spain e8b275a7-1916-4414-a00c-d604f8581c06 Netherlands 0bbb425b-931f-4793-a8f6-98f0dbcd766f Bulgaria f8a5ae37-3cb9-4fe6-8422-79bb36d2aefc Sweden 7d78b3c8-c5f5-430e-9f0a-1b9238fae4a4 Poland 63efb767-e628-43b0-ad9b-6cdacef9dfc0 France

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT2SE4100FFF000XXX
E-Number (Finland)	3640595
E-Number (Norway)	4379691
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 /	82.5 mm

Length	
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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH002230A1002

Technical

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	4P
Opening Time	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 4.20 W
Rated Current (I _n)	100 A
Rated Frequency (f)	50/60 Hz
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
Rated Voltage (U_r)	690 V AC
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

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

External Classifications and Standards

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

