



PRODUCT-DETAILS

XT2V 160 Ekip LSI In=100A 4p F F

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General Information	
Extended Product Type	XT2V 160 Ekip LSI In=100A 4p F F
Product ID	1SDA068019R1
EAN	8015644019150
Catalog Description	XT2V 160 Ekip LSI In=100A 4p F F
Long Description	C.BREAKER TMAX XT2V 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	ee26cfa2-2fde-4330-a856-d178d9d23847 China
Simplified SCIP	bbe52c07-aaeb-407d-b464-821acc961f63 Portugal c429384b-cfc8-40a6-929e-5a94a961156d Poland 9b8c2573-bedd-4c06-a8af-d7cea29baeb2 France f853005f-ffab-4c09-9be4-137b1dc06492 Estonia 204fc1aa-b266-4d2e-870e-b6fbbdd14333 Greece a8abba54-2c8b-47ad-8592-375167cedf91 Bulgaria c37e0e6c-0632-41cd-80d2-a250665846af Sweden 7c26ad5d-ed8f-4a12-a9ee-f040ee9323a4 Hungary 38a36f63-7d3c-4344-9a7a-ed05bb127177 Sweden 97c8603d-3405-4809-b766-a4e76ecd4f13 Germany 5626f631-88f2-454c-8600-550cd9bb1785 Spain 360eb469-d320-4fb4-beb2-6d2cba358d78 Germany f09a430b-39f8-45df-bb5d-b22facbcb91a France 7872467e-d6ef-453d-ab8f-8d2f14302d29 Belgium d1128b74-06fb-47af-a4df-c8639ab79a9c Netherlands 48962f35-ea9b-4945-9caf-9683eb0ce3d1 Poland a50583ef-2a19-464e-be38-af4d5e6a9dba Czech Republic 88876fc8-5779-4e4f-bbfc-4267130e0f78 Germany b90fbe11-0d79-4a53-942c-9aa4119069a7 Poland 0fc69ffd-2986-4bee-8828-80f69ab642a0 Croatia 7611042e-c9ff-4fee-82c6-e73670571c33 Hungary 692192f2-3701-4790-881a-3658bcd5acc1 Norway 9a48ccf6-20f0-491a-8ac6-d415d37cb6ef Germany fabbe244-f83f-4470-b091-c47cbcaf64b4 Germany 1600a24b-cbff-4ca2-a165-ed533e426bc5 Belgium 75d24bf8-4474-420e-b922-a7584d3374f2 Denmark 574292d8-76e8-45c0-9528-50c4da32b10b Finland

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT2VE4100FFF000XXX
E-Number (Norway)	4379736
EAN	8015644019150
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
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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	8015644019150

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 4.2 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
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(220 V AC) 200 kA (230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 70 kA (525 V AC) 50 kA (690 V AC) 15 kA
Rated Ultimate Short-	(220 V AC) 200 kA

Circuit Breaking Capacity (I _{cu})	(230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 70 kA (525 V AC) 50 kA (690 V AC) 20 kA
Rated Uninterrupted Current (I _u)	160 A
Rated Voltage (U _r)	690 V
Recommended Screw Driver	Main Circuit M6
Release	Ekip LSI
Release Type	EL
Short-Circuit Performance Level	V
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

