



PRODUCT-DETAILS

**XT2S 160 Ekip Dip LS/I In=160A 4pFF
InN=100%**

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InN=100%



General Information	
Extended Product Type	XT2S 160 Ekip Dip LS/I In=160A 4pFF InN=100%
Product ID	1SDA067838R1
EAN	8015644017347
Catalog Description	XT2S 160 Ekip Dip LS/I In=160A 4pFF InN=100%
Long Description	C.BREAKER TMAX XT2S 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP DIP LS/I R 160 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	ee27fc77-8c55-43e6-8e39-76c7cf22ae51 Italy
Simplified SCIP	7265a3d0-fa22-44fa-a74a-242c22114294 Belgium 2bacd5e9-251e-4a59-add5-33528ffae77f Spain fa0b0100-123a-4ecd-930b-0aa72a9bb3e4 Hungary 438d4de0-3d0a-4990-be80-b267be0efc89 Czech Republic 7ca5b865-3fbb-437c-be20-222ab93ff498 Germany 9a19fc06-9a65-4f79-8f38-60d1d150b3fd Sweden 498360e9-59a3-46e0-8e87-961c8b67b819 Denmark 16a665be-7dc3-4fbd-8b70-8b840033da9e Germany 049a8bb2-7e67-4823-b69f-dd8ede7a0dc7 Germany 37531a5d-bb37-4c84-8602-b0b128b1e3d3 Croatia 4d7347e4-4055-4424-a720-64ceadc0f734 Germany d1c7a318-9c93-4d6f-8fbf-3212365d8bc1 Sweden 64252530-e061-4c64-8107-07045dd0c49e Norway 14998db5-4727-42ad-b801-a7b0a22ca46d Netherlands 66799b51-b8b9-4e04-b4df-48c1a294a671 Poland e6f221be-ea18-49de-9781-85ee45e1fd54 France f2d2f604-1932-421d-b715-6ed6938dc911 Bulgaria 0d85c813-66d9-4413-ad6c-858e7fddcd26c Poland c08a748d-3807-4e5f-aebe-4cb676c2663e Finland 3987bee1-485b-45ba-9444-8bfadc088ff4 Hungary be5c5f22-ad2f-4c82-9e76-5c0040f694a7 Poland 2991532b-ba89-4cc3-a3f3-d4c92a922177 Estonia 821ced41-f4d3-4048-acda-62cff849e2bb Portugal 29fdceb6-dd7b-4ff2-a26d-9be76e617b60 Greece fae9caf7-1de3-46a9-941d-705c91024bfc Germany 51cd498d-f86d-4b27-8e6c-a699604bd1b0 Belgium 4382908a-a70f-4f50-82d2-22ced4961f98 France

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT2SE4160EFF000XXX
E-Number (Finland)	3640592
E-Number (Norway)	4309756
E-Number (Sweden)	3182038
EAN	8015644017347
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	2.153 kg
Package Level 1 EAN	8015644017347

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 10.8 W
Rated Current (I _N)	160 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) 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
Recommended Screw Driver	Main Circuit M6
Release	Ekip Dip 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

Certificates and Declarations

ATEX Certificate	No certification needed
Data Sheet, Technical Information	SDC210100D0206
	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

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
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

