



PRODUCT-DETAILS

XT2N 160 Ekip Dip LS/I In=160A 4pFF
InN=100%

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InN=100%



General Information	
Extended Product Type	XT2N 160 Ekip Dip LS/I In=160A 4pFF InN=100%
Product ID	1SDA067095R1
EAN	8015644010003
Catalog Description	XT2N 160 Ekip Dip LS/I In=160A 4pFF InN=100%
Long Description	C.BREAKER TMAX XT2N 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	060aee7b-5a26-4fae-8f26-8f1c6617efea Italy
Simplified SCIP	48f48167-7587-42cd-a517-40fc3b4587f7 Germany 9eedccba-1741-4fb3-832c-b25430f4097a Portugal ad4eaa00-9906-4f87-84aa-ca6c3f7abc71 Germany 2e034345-ac69-4ed8-8266-e2290d415876 Poland 0c6cb474-c50a-407d-bdd8-7ceb19763ad5 Sweden 2d2833d1-a110-4c1d-8f50-c9893d52e736 Germany c82ad2c3-f14b-4d68-8b20-9d8e2366b8a5 France b170c593-db9c-4e08-a9ba-41a71a24ca03 Netherlands 638cccd1-810b-480e-9886-78dfc6d7c333 Spain fb7cd8d4-c343-45af-a6b4-c37e3f85585e Netherlands ff541252-0325-4734-955b-630a690a053d Bulgaria e05a9fa1-1297-44ed-8e6b-72d556defa55 Sweden 191bf99a-6193-4124-99c5-db1c281d4e3d Poland 58371b36-a778-4817-b9ca-4f8b42bbc516 France 22dc3bb0-090d-41d0-9027-c23085688625 Norway a926e7b1-bd09-4c30-89a0-ff1962ef4325 Finland 82200646-bc7f-4dc3-a52b-aac649a9d008 Netherlands e682dd60-fee-45ed-9233-0035d9bd145c Germany 14e54362-1193-4281-a740-b2bf446faf41 Denmark 0b648ecd-95bf-4bc0-bf88-525b258e96c4 Germany ab2c4e17-1358-471f-b9c0-febe9be88731 Croatia 43e6cd2c-a63f-4374-8e95-a0cf137bab6e Czech Republic d4b57ea0-cf79-4670-9404-9af0e36832fc Poland e9134eed-e26d-4c09-8bd6-b74d5013184f Netherlands 0296f209-3e4f-4104-a06a-47dcb425a87e Netherlands 86dbb277-8032-4d4d-b348-98ddd18d920d Estonia a2f1f056-6fff-4ba1-88df-47543602eb5e Greece

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT2NE4160EFF000XXX
E-Number (Finland)	3640567
E-Number (Norway)	4309751
E-Number (Sweden)	3182035
EAN	8015644010003
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	8015644010003

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) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA

	(690 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 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	N
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

