



PRODUCT-DETAILS

XT2N 160 Ekip Dip LS/I In=160A 3p F F

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General Information	
Extended Product Type	XT2N 160 Ekip Dip LS/I In=160A 3p F F
Product ID	1SDA067058R1
EAN	8015644007959
Catalog Description	XT2N 160 Ekip Dip LS/I In=160A 3p F F
Long Description	C.BREAKER TMAX XT2N 160 FIXED THREE-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	b90612d8-2735-48c0-a56d-dc45be673814 Italy
Simplified SCIP	83bd7a2a-eec9-46f1-b3c9-2121e7990084 Germany f169be50-7e04-4524-ab8e-7ce1763b47b9 France ad6d175f-75d5-4039-b30b-6180d39af189 Norway 32f4ada9-55a6-4949-bb23-bbaf1b1ddd00 Finland 639d2250-1084-4545-9b47-11f4136ba1de Netherlands 5d932a2c-9f30-4e07-af0d-e9c67e6fbae8 Germany da1187e6-35c6-4fcf-98f5-45b8b5524dee Denmark d52e6c34-7d2f-417c-adcd-298010509da7 Germany fef67e1e-b863-4d26-8eda-30b19f23c531 Netherlands eacfccbb-a82d-4fac-bd44-f90b918e6b2f Spain 378fd1f0-ddca-4b7b-812e-066cfa35bc3b Netherlands 75555083-4fe1-495b-aa08-52ad3b730e2f Germany 2a8dc798-9ad8-4510-8e26-c7eb48a964e9 Poland b08cf1d0-f1be-4019-956a-2f6676f2f0bb Croatia 7aef0e65-8b0f-440a-92b4-e47d31bdb3df Czech Republic 0b7af615-fe02-435b-b2e5-ac5781d752ab Poland b9ee9955-ee43-4015-99a5-02af016b3924 Netherlands c0de57ed-ce97-45a9-9eb5-9e93d59bf892 Netherlands 781f0e8d-1411-44b0-a834-5ebc37831338 Estonia 8296011d-d5f0-4f2d-8fbc-93eb75957b38 Greece b0bc9672-0156-4859-94ec-587cd5d95f50 Portugal 3dc9bc4b-1e87-4ae9-967b-958d8fae4481 Bulgaria 48b1023d-77c4-4afd-a4fc-7e4e3da8817d Sweden 7b86cf23-28b1-4ecc-af6e-5fd68920903c Poland 38658003-4bce-41db-918e-b155d51dd413 Sweden bdc04d42-017e-4f67-871a-3cadf5ac1440 Germany 44da1b16-8c2b-4c4e-a9c1-9553a48028de France

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	XT2NE3160EFF000XXX
E-Number (Finland)	3638188
E-Number (Norway)	4309651
E-Number (Sweden)	3182027
EAN	8015644007959
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	90 mm
Product Net Height	130 mm

Product Net Depth / Length	82.5 mm
Product Net Weight	1.4 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	1.71 kg
Package Level 1 EAN	8015644007959
Package Level 2 EAN	8015644007959

Additional Information

Brand / Label	ABB
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	1SDH002230A1001

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	3P
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

ABS Certificate	1SDL000163R0109
ATEX Certificate	No certification needed
BV Certificate	1SDL000163R0099
CB Certificate	9AKK106713A2843
CQC Certificate	CQC2013010307643219 CQC2013010307650258 CQC2018010307082330
Data Sheet, Technical Information	SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CCC	9AKK108466A7755 2020980307003311 2020980307003400
Declaration of Conformity - CE	9AKK106713A5901
DNV GL Certificate	1SDL000163R0096
EAC Certificate	9AKK10103A1027
GL Certificate	1SDL000163R0093
I ² t Characteristic	1SDC210099D0206
KC Certificate	HW05022-15105
LR Certificate	1SDL000163R0100
RINA Certificate	1SDL000163R0098
UL Certificate	1SDL000163R0112
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
IDEA Granular Category Code (IGCC)	4932 >> 3 Pole Non-Interchangeable Trip Electronic Circuit Breakers
Object Classification Code	Q
UNSPSC	39121616
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

