



PRODUCT-DETAILS

XT7H M 1600 Ekip Dip LS/I In1600A 4p F F

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General Information	
Extended Product Type	XT7H M 1600 Ekip Dip LS/I In1600A 4p F F
Product ID	1SDA101713R1
EAN	8056221017572
Catalog Description	XT7H M 1600 Ekip Dip LS/I In1600A 4p F F
Long Description	C.BREAKER TMAX XT7H 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND STORED ENERGY OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP DIP LS/I R 1600

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	9AKK108468A2358
Environmental Product Declaration - EPD	9AKK108468A1896 9AKK108468A4411
Extended Product	Product Modularity

Lifetime

Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 64.1 %
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Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	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	0167b11b-6606-498d-9584-f5cb51f07a9d Italy
Simplified SCIP	62d06ff7-da05-47db-bcd2-114b458974d0 Estonia 06d2e362-f095-4786-9bcb-213b69cd4848 Czech Republic b1af8706-9672-45a0-94ad-281b9484e83e Germany 14394748-3c9b-462e-850d-327f784375ca Germany e19fc822-1d70-4ff7-9dec-7f5d0a89bf63 Croatia a0b2ad83-a2a5-4a8e-8998-3c8d9ea9d3ee Sweden 7bc2a25d-0888-49ce-af58-c024ca7dff24 Germany 6a14e9c0-c3d7-4019-b3a6-e8406d2fa473 Denmark 704216e9-d50e-4278-920f-4643673e845d Hungary 6846b9cc-96b8-4606-93fc-44d981f83214 Belgium b6110be2-829c-4444-96e6-0a7f9981e68a Spain 56bff999-89f9-470e-9c01-1bcca9760cf France 654ec925-385d-45b6-b697-8eb2c2bfb0ec Netherlands 4790bd39-9973-4568-9751-1a65accb08b0 Norway b054b55d-8f7a-4452-8e3a-576eb891fded Sweden b55a96a8-a089-4d04-b933-71050864e796 Hungary 59a9ab48-b197-47f1-9064-58ff3e9c9a7c Finland 26abd481-d898-4a6b-9703-597a9e59643a Poland 37ede169-ce9d-4a66-a1f8-d1dce33e201e Belgium bc2f99d5-d6b8-4808-8e06-8a76226917b3 Portugal c290d972-cce0-40c2-9ad7-531b72bb51cb France a09eb42e-3c4e-490b-97af-2d05aeda9cc7 Germany 00d6e246-3f09-4930-9766-a130a997ee86 Greece 68b1c247-6120-46e0-9ac4-e6c030636fc9 Poland 23282448-5407-4a8a-a07c-3041845a1dc4 Poland 81ad288b-1f52-487a-80bd-270dcaabe58b Germany f1c6aa87-c00c-4dd8-a61f-8f3471cf009b Bulgaria

Environmental

Ambient Air Temperature	Operation -40 ... 125 °C
Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XHEMAFAZZAAAA00000
E-Number (Norway)	4380912
EAN	8056221017572
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	268 mm
Product Net Depth / Length	178 mm
Product Net Weight	14 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	360 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	360 mm
Package Level 1 Gross Weight	15.5 kg
Package Level 1 EAN	8056221017572

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	1SDH002065A1437

Technical

Current Type	AC
Electrical Durability	3000 cycle 60 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	4P
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 94 W
Rated Current (I_n)	1600 A
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) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 50 kA (690 V AC) 42 kA

Rated Short-time Withstand Current Low Voltage (I_{cw})	20 kA
Rated Ultimate Short- Circuit Breaking Capacity (I_{cu})	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 50 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I_u)	1600 A
Release	Ekip Dip LS/I
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC60947-2
Sub-type	XT7M
Terminal Connection Type	Front

Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK107046A9648
EU Data Act Compliance Declaration	1SDH002560A1001
Mechanical Drawings	1SDH002013A1102
Wiring Diagram	1SDM000002A1001
Instructions and Manuals	1SDH002013A1001 1SDH002013A1002

External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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



Submitted by TECO Group