



PRODUCT-DETAILS

XT7H 1600 Ekip Dip LS/I In=1600A 3p F F

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Submitted by TECO Group

General Information	
Extended Product Type:	XT7H 1600 Ekip Dip LS/I In=1600A 3p F F
Product ID:	1SDA100893R1
EAN:	8056221009478
Catalog Description:	XT7H 1600 Ekip Dip LS/I In=1600A 3p F F
Long Description:	C.BREAKER TMAX XT7H 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP DIP LS/I R 1600
Display Name:	XT7H 1600 Ekip Dip LS/I In=1600A 3p F F

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:	9AKK108468A2357
Environmental Product Declaration - EPD:	9AKK108468A1895 9AKK108468A4404
Extended Product Lifetime:	Product Modularity

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

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:	f93cc12e-be54-42d5-92d0-24cab2edb8a0 Italy
Simplified SCIP:	8544225f-0578-4d0f-9d1c-de70aaa0c846 Germany 38187446-f0bf-417d-812e-a69db40b1ed2 Norway ac6a3cfa-6e30-46f6-8350-b8a38e8ec70b Finland 305ad65f-c58a-45f2-a28b-ba0018d3e15b Netherlands 9d1cc58b-c9ee-4d04-98fb-fb3f76af2223 Croatia 4396c417-19a3-432d-9285-11655237ea79 Czechia 658cb9dc-cad4-448c-969e-9170999cd74e Poland 09323a01-ad74-4526-a4a9-bfd368adb5a4 Netherlands 3b2304d1-19c5-4df5-be74-df71621a6545 Netherlands 8760fec2-b853-495e-a72d-ee287dc5e2a8 Estonia 371b73ee-caf2-45fe-bfe7-16e42cdda502 Greece 15270ccd-ff6a-4000-8768-10087de82adc Portugal 435d15d6-bb9b-4b9e-9164-66a37c909175 Bulgaria 5471a475-f0ae-420d-a594-8da0efc67cfa Sweden ff5ee69a-157e-45dd-8f17-97678b9276ad Poland fa3c4199-5d32-4768-99ef-23f41de6910c France 1cdceb41-8e3b-48df-af3c-058656b054d6 Sweden b6b10986-431e-4fa1-a51a-fd844fb989de Germany 835dc94c-eccc-464c-b5ec-b0be3fd646f8 Germany 58495437-b981-45f5-b026-ac754f5f55d4 France bae7ab5f-d4e0-4de6-8870-af54a4153c5b Netherlands fd710e29-acfd-4caf-b832-ee95c7f5e912 Spain 39a83638-1a7f-41fb-9555-a24a2282f1bc Netherlands 9b71e228-6564-4f71-b5af-d2b6010bacd6 Germany a0678e6e-37f9-496a-9cd4-799e2ab21b75 Denmark dad74eb3-7df3-4c80-9c1b-e184786ef86d Germany 57fc508f-c939-4d81-972f-825ed9bb2804 Poland

Environmental

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

Ordering

Order Code US and Canada:	XT7HE316FEFF000XXX
E-Number (Norway):	4380650
EAN:	8056221009478
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

Dimensions

Product Net Width:	210 mm
Product Net Height:	268 mm
Product Net Depth / Length:	166 mm
Product Net Weight:	9.7 kg

Container Information

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	280 mm
Package Level 1 Height:	350 mm
Package Level 1 Depth / Length:	360 mm
Package Level 1 Gross Weight:	11.2 kg
Package Level 1 EAN:	8056221009478

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:	1SDH002065A1336 1SDH002065A1338

Technical

Current Type:	AC
Electrical Durability:	3000 cycle 60 cycles per hour
Mechanical Durability:	10000 cycle 60 cycles per hour
Number of Poles:	3P
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:	XT7
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:	1SDH002013A1101
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

Products > Low Voltage Products and Systems > Circuit Breakers > Moulded Case Circuit Breakers > Tmax XT



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