



PRODUCT-DETAILS

XT7H 1600 Ekip Dip LS/I In=1600A 4p F F

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Submitted by TECO Group

General Information	
Extended Product Type	XT7H 1600 Ekip Dip LS/I In=1600A 4p F F
Product ID	1SDA101173R1
EAN	8056221014762
Catalog Description	XT7H 1600 Ekip Dip LS/I In=1600A 4p F F
Long Description	C.BREAKER TMAX XT7H 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP DIP LS/I R 1600

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 64.1 %
Conflict Minerals Reporting Template	9AKK108467A5658

(CMRT)

End of Life Instructions	9AKK108468A2357
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1895 9AKK108468A4404
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Environmental

Ambient Air Temperature	Operation -40 ... 125 °C
Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	c784e978-d989-4f1a-888e-895e139723e9 Italy (IT)
Simplified SCIP	8724b508-2c11-4ebf-9b02-da79a6f8f9cd Hungary (HU) af77adaf-5ca7-4a3c-bc07-c16424c1c255 Bulgaria (BG) bb33e8c4-4311-489e-b66c-d09a04a89fbb Belgium (BE) af64ffe8-c30e-4b4d-ae9f-935c07c363f2 Hungary (HU) 2eab90ae-de8e-4d2a-941b-f024a1ffd275 Spain (ES) 67142fd8-942d-48db-b26c-a8e2a1ac6c19 Croatia (HR) 69a1f607-732d-4213-a7ea-007e90afa3df Germany (DE) f1688113-7c68-4082-a41f-e88ae1d76258 Germany (DE) 622c2548-e66a-42bf-9f6f-d20d0492c07e Sweden (SE) 5fdd72ec-bf54-43ff-961d-66af72145a51 Denmark (DK) 57ee12ac-0d64-48de-894e-f8d03dd90e91 France (FR) 6e664bd2-c596-4be2-87c5-f88fb7e7a89c Germany (DE) a2db4772-d9f3-4d26-a118-85f32988c98c Estonia (EE) ea15d770-c0c7-4513-832a-a040c60e3023 Czech Republic (CZ) 9ee05733-4a4a-43ab-a3a4-2bcb8b134f38 Poland (PL) d0b137ff-ddfc-43c2-9b14-c6ba50a15477 Germany (DE) bd920b28-5f97-400a-b730-1070e747d643 Netherlands (NL) f3ab4a50-138f-4548-bc11-b0e2cf03055c Sweden (SE) c7111867-b278-41d3-8581-e78ed37c44e5 Norway (NO) b12b7c55-44d2-4ba0-a6a6-c6856f69f4db Poland (PL) 80f343fe-f983-4a11-bb92-8abee74849fd Portugal (PT) 1bc39385-9ff5-42c4-9285-7d09d0f5d4cc Germany (DE) 11c126fd-a420-4162-81fe-9ae808591d31 Greece (GR) 7c642052-49de-4bc0-9202-4d54795d5e0c France (FR) 44dd9f1b-1ed7-43f2-84b0-62b58b777887 Belgium (BE) c84ce79f-d443-437d-bdd1-3e9bfbbeb221 Poland (PL) 664f52b7-dcc7-4ac7-9d75-e0ceb1d738b5 Finland (FI)

Ordering

Order Code US and Canada	XT7HE416FEFF000XXX
EAN	8056221014762
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	268 mm
Product Net Depth / Length	166 mm
Product Net Weight	12.5 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	14 kg
Package Level 1 EAN	8056221014762

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Current Type	AC
Electrical Durability	120 cycles per hour 3000 cycle
Mechanical Durability	240 cycles per hour 10000 cycle
Number of Poles	4
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 94 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
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

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	(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
Version	F
CAD Dimensional Drawing	1SDH002065A1390 1SDH002065A1338

Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK107046A9648
Mechanical Drawings	1SDH002013A1101
Wiring Diagram	1SDM000002A1001
Instructions and Manuals	1SDH002013A1001 1SDH002013A1002

Classifications

ETIM 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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



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