



PRODUCT-DETAILS

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

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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

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 64.1 %
End of Life Instructions	9AKK108468A2357

Group Waste to Landfill
Target

UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD 9AKK108468A1895
9AKK108468A4404

Environmental

Environmental Information 9AKK108467A6707

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 f93cc12e-be54-42d5-92d0-24cab2edb8a0 Italy (IT)

Simplified SCIP 8544225f-0578-4d0f-9d1c-de70aaa0c846 Germany (DE)
 38187446-f0bf-417d-812e-a69db40b1ed2 Norway (NO)
 ac6a3cfa-6e30-46f6-8350-b8a38e8ec70b Finland (FI)
 305ad65f-c58a-45f2-a28b-ba0018d3e15b Netherlands (NL)
 9d1cc58b-c9ee-4d04-98fb-fb3f76af2223 Croatia (HR)
 4396c417-19a3-432d-9285-11655237ea79 Czech Republic (CZ)
 658cb9dc-cad4-448c-969e-9170999cd74e Poland (PL)
 09323a01-ad74-4526-a4a9-bfd368adb5a4 Netherlands (NL)
 3b2304d1-19c5-4df5-be74-df71621a6545 Netherlands (NL)
 8760fec2-b853-495e-a72d-ee287dc5e2a8 Estonia (EE)
 371b73ee-caf2-45fe-bfe7-16e42cdda502 Greece (GR)
 15270ccd-ff6a-4000-8768-10087de82adc Portugal (PT)
 435d15d6-bb9b-4b9e-9164-66a37c909175 Bulgaria (BG)
 5471a475-f0ae-420d-a594-8da0efc67cfa Sweden (SE)
 ff5ee69a-157e-45dd-8f17-97678b9276ad Poland (PL)
 fa3c4199-5d32-4768-99ef-23f41de6910c France (FR)
 1cdceb41-8e3b-48df-af3c-058656b054d6 Sweden (SE)
 b6b10986-431e-4fa1-a51a-fd844fb989de Germany (DE)
 835dc94c-eccc-464c-b5ec-b0be3fd646f8 Germany (DE)
 58495437-b981-45f5-b026-ac754f5f55d4 France (FR)
 bae7ab5f-d4e0-4de6-8870-af54a4153c5b Netherlands (NL)
 fd710e29-acfd-4caf-b832-ee95c7f5e912 Spain (ES)
 39a83638-1a7f-41fb-9555-a24a2282f1bc Netherlands (NL)
 9b71e228-6564-4f71-b5af-d2b6010bacd6 Germany (DE)
 a0678e6e-37f9-496a-9cd4-799e2ab21b75 Denmark (DK)
 dad74eb3-7df3-4c80-9c1b-e184786ef86d Germany (DE)
 57fc508f-c939-4d81-972f-825ed9bb2804 Poland (PL)

Ordering

Order Code US and Canada XT7HE316FEFF000XXX
 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

Ambient Air Temperature	Operation -40 ... 125 °C
Current Type	AC
Electrical Durability	120 cycles per hour 3000 cycle
Mechanical Durability	240 cycles per hour 10000 cycle
Number of Poles	3
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
Mechanical Drawings	1SDH002013A1101
Wiring Diagram	1SDM000002A1001
Instructions and Manuals	1SDH002013A1001 1SDH002013A1002

Classifications

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

