



PRODUCT-DETAILS

XT7S 1600 Ekip Dip LSIG In=1600A 4p F F

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General Information	
Extended Product Type	XT7S 1600 Ekip Dip LSIG In=1600A 4p F F
Product ID	1SDA101125R1
EAN	8056221014281
Catalog Description	XT7S 1600 Ekip Dip LSIG In=1600A 4p F F
Long Description	C.BREAKER TMAX XT7S 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP DIP LSIG 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

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	ad860117-4d4b-4511-bfcd-c0dee982a3ad Italy (IT)
Simplified SCIP	043631b3-929c-42f2-bd96-36f868c60841 Germany (DE) 85a4491d-7a33-4935-a396-ed93cd55436b Poland (PL) c36ee8d0-0b51-4896-bf19-598aa7aeda38 Poland (PL) 1c72dba4-e1f8-41a4-93c1-07cc6ac36f5e Poland (PL) a15eb7aa-f222-4363-abe5-f4f88950b4a2 Czech Republic (CZ) 827b1695-139e-49c5-82ea-040da9e84951 Netherlands (NL) 660484cd-1b72-4436-89c3-8691c5f7e820 Sweden (SE) 4e479041-b1db-4750-b66d-d078bff813fa Belgium (BE) 9028c9af-1673-41ac-bb7e-47814edd2c38 France (FR) bed08c64-8f4c-4c86-a9c1-0216416de2e5 Estonia (EE) 4e89ac54-e7be-436a-a50c-dba80ddbcbff Finland (FI) 74c66531-7f64-46b0-8726-45837c8b0a7d Norway (NO) 7f1bdc24-a7a8-430e-851e-99ccee573c Hungary (HU) 8d00a50a-9495-4274-b681-db91c8f494df Germany (DE) fe31f83b-fa36-4f8c-9f7d-22d98d1cf40e Germany (DE) 1dcfa559-1b38-405f-a7af-16868fe3957b Denmark (DK) b0760e0c-67e9-4113-b13e-a663d2a286e2 Germany (DE) 3274c7be-77e4-4969-a0aa-35b16c526cd9 France (FR) e34380b6-1557-4a5c-9802-487d8d31a998 Germany (DE) 9d2bd457-c663-4b69-91b0-66e9d4a5acd5 Portugal (PT) c0dc12f1-f4cd-42d8-85ea-699eb7ddb374 Greece (GR) 4176a9b1-cf82-4515-b7ff-0ce393cbb1e6 Croatia (HR) 29f51994-53a7-43ad-a859-5040c9bdf58f Sweden (SE) f1ce5fa2-e770-4595-bef5-4943906ca411 Bulgaria (BG) 25990298-8716-4ee9-b693-b1f152e8da62 Spain (ES) fb81dc44-43ff-4523-8c82-d34f58c68c2b Belgium (BE) a3749bea-6e0b-4033-a753-a6a90859e2e3 Hungary (HU)

Ordering

Order Code US and Canada	XT7SE416FGFF000XXX
EAN	8056221014281
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	8056221014281

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) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 45 kA (525 V AC) 45 kA (690 V AC) 30 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	20 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 45 kA (525 V AC) 45 kA

	(690 V AC) 30 kA
Rated Uninterrupted Current (I _u)	1600 A
Release	Ekip Dip LSiG
Release Type	EL
Short-Circuit Performance Level	S
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

