



PRODUCT-DETAILS

XT7S 1600 Ekip Dip LS/I In=1600A 4p F F

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General Information	
Extended Product Type	XT7S 1600 Ekip Dip LS/I In=1600A 4p F F
Product ID	1SDA101117R1
EAN	8056221014205
Catalog Description	XT7S 1600 Ekip Dip LS/I 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 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	9AKK108468A2357
Environmental Product Declaration - EPD	9AKK108468A1895 9AKK108468A4404
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 64.1 %

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	07fe3a66-5e06-43c2-aedd-44bf2732ca61 Italy (IT)
Simplified SCIP	be255d41-ab6a-4592-8624-5c61a6499bd3 Germany (DE) e429eea8-c9e0-4fb6-9bc9-03f225a7543f Norway (NO) cbd6eca2-45e4-41b7-827c-fa83ec32fd3b Finland (FI) c609a635-abb7-4ab9-93d5-8c9f161e6e37 Netherlands (NL) 21ced86e-827d-403c-b0b6-d6583c061643 Germany (DE) f4e6f02c-f01b-40c5-8ff2-43575c8e5106 France (FR) 2b2147b4-b1de-48e3-ac41-c5be9e699022 Netherlands (NL) d55f6e49-477e-4e9e-a65a-7c9ea6cc9438 Spain (ES) 0b6392f7-4529-4527-9c47-b55a053057ff Germany (DE) 7ece85c9-2a28-4383-84b4-2c013f386f88 Denmark (DK) d6b5ebd9-559d-49f8-9b32-e62621e890ee Germany (DE) dde586ab-b1a1-48c8-8577-a4c03a502b17 Croatia (HR) 87d93679-1680-4b22-9a7c-a7be51485331 Czech Republic (CZ) 79be4a29-711f-44b6-812c-7369baf6fddd Poland (PL) d3323afd-2f3d-4aa0-8fa2-5687de2fe662 Netherlands (NL) d84d6d75-4875-4f8e-a7ed-1a94b08e20ce Netherlands (NL) fbfcefc9-7b72-454b-9885-ac4b676b73d3 Estonia (EE) ecfeeff4-eca1-4fb2-a422-39054b6ac605 Greece (GR) b71304ae-0485-4e71-8969-9f43d7deab58 Portugal (PT) e6141605-b6f2-4fc6-8689-669d00f05d30 Bulgaria (BG) f9830c09-49de-4681-bc13-afc9c3988087 Sweden (SE) 16421fa3-e264-484a-bfaf-90599411065e Poland (PL) a4be5ac3-c648-4d8d-b85f-7cfe6ea5b221 France (FR) 935f4988-a680-4357-bb8e-e286e5cc65cc Sweden (SE) 6ef89104-2014-4007-8a51-0fc06140e500 Germany (DE) b2bb1f47-17dc-4985-bd96-e3f3ad63eb8a Netherlands (NL) 8d472be2-983e-4687-b10e-5c71511e26a8 Poland (PL)

Environmental

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

Ordering

Order Code US and Canada	XT7SE416FEFF000XXX
E-Number (Norway)	4380816
EAN	8056221014205
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	8056221014205

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	1SDH002065A1390 1SDH002065A1338

Technical

Current Type	AC
Electrical Durability	3000 cycle 60 cycles per hour
Mechanical Durability	10000 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) 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	(220 V AC) 85 kA (230 V AC) 85 kA

Capacity (I _{cu})	(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 LS/I
Release Type	EL
Short-Circuit Performance Level	S
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

External Classifications and Standards

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

