



PRODUCT-DETAILS

XT7S M 1600 Ekip Dip LSI In=1600A 4p F F

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General Information	
Extended Product Type	XT7S M 1600 Ekip Dip LSI In=1600A 4p F F
Product ID	1SDA101661R1
EAN	8056221017053
Catalog Description	XT7S M 1600 Ekip Dip LSI In=1600A 4p F F
Long Description	C.BREAKER TMAX XT7S 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND STORED ENERGY OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP DIP LSI 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	9AKK108467A5658

Reporting Template (CMRT)	
End of Life Instructions	9AKK108468A2358
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	9AKK108468A1896 9AKK108468A4411
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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	1dd59cfb-b4c8-4142-a104-4e1aea661bda Italy (IT)
Simplified SCIP	3a87f3b7-cf30-4192-9cd1-ca8c0355ac04 Germany (DE) df9f4745-cafa-401a-9d4b-d2da3ad30232 Hungary (HU) b65bee31-b188-42e6-9d26-fe2339a2090d Belgium (BE) 632a69f2-7c2b-4950-8334-ee26636a8628 Estonia (EE) aee0cecc-41fd-4b5c-8f21-08123d47d7c0 Greece (GR) ab378942-0b7e-4eea-b05b-db169353dba3 Portugal (PT) 9c24b09b-bc1b-41db-ad5a-7620fe0dfa5a Bulgaria (BG) aef1d483-463d-40d8-8de1-c6c7ebd6c3f4 Sweden (SE) 28e921e3-bed0-43a2-85db-49e17923346d Hungary (HU) 1be21e53-79ab-4bc8-abb-c64951c6d9f84 Poland (PL) da422f32-aa69-49ef-9f20-c34aeeec68fdb Poland (PL) bed5e176-0031-4615-b770-8bcf38133784 Denmark (DK) 115da9c2-09ab-4b10-a6cb-5fc222290138 Germany (DE) 7195a1be-6211-4082-ab05-da30c72c89f8 Norway (NO) ae69bfc5-719d-4e86-8f81-75e0257efa4b Croatia (HR) 919bc260-1bef-430a-a6d7-eb56d0905b5d Finland (FI) 18ec5cf4-8ccf-448e-b684-1f28698be84d France (FR) 4754bd89-47e2-483a-bc26-5b2ba231ca9a Belgium (BE) 6f26b054-2579-4556-8c7c-f6f47b0e21e5 Sweden (SE) bb8744dd-9bcc-4f56-b537-47a698599863 Czech Republic (CZ) b366b835-4664-4a58-8c3d-a1724e475e05 Germany (DE) 9772d2a4-2bf8-4ec4-bb26-2e0eea9b391a Poland (PL) 1929e307-6624-4bb9-a31b-ab408730ac79 Netherlands (NL) 2529c743-d956-4cd2-b597-1c7f963be066 France (FR) 87b05463-1ddb-438a-b36c-1b92a4e9cff0 Germany (DE) 2cebfe9f-c37c-4fbf-9d9c-672a49f83bf9 Spain (ES) b09dca81-9e11-4c38-9e54-d26714fa8c55 Germany (DE)

Ordering

Order Code US and Canada	XSEMCFAZZAAAA00000
EAN	8056221017053
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	268 mm
Product Net Depth / Length	178 mm
Product Net Weight	14 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	15.5 kg
Package Level 1 EAN	8056221017053

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 20000 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 LSI
Release Type	EL
Short-Circuit Performance Level	S
Standards	IEC60947-2
Sub-type	XT7M
Terminal Connection Type	Front
Version	F
CAD Dimensional Drawing	1SDH002065A1437

Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK107046A9648
Mechanical Drawings	1SDH002013A1102
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

