



PRODUCT-DETAILS

# XT7S M 1600 Ekip Dip LS/I In1600A 4p F F

## XT7S M 1600 Ekip Dip LS/I In1600A 4p F F



General Information	
Extended Product Type	XT7S M 1600 Ekip Dip LS/I In1600A 4p F F
Product ID	1SDA101657R1
EAN	8056221017015
Catalog Description	XT7S M 1600 Ekip Dip LS/I In1600A 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 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	9AKK108468A2358
Environmental Product Declaration - EPD	9AKK108468A1896 9AKK108468A4411
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 64.1 %

Product acc. to EN45555

### 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	73824f30-cae1-4c1a-9c07-1835110123d4 Italy (IT)
Simplified SCIP	6e5969e2-ce3b-44b6-a849-4b497e3a8957 France (FR) 393cfe6e-6779-4990-9a63-0f66526386de Germany (DE) 2baa0950-670c-4a69-91bc-f5e157b966b2 Czech Republic (CZ) e8c0c7ae-8cf1-4597-8b4c-2a100c2de7a3 Estonia (EE) c9ab5623-22bc-4259-b185-26acc8046a38 Germany (DE) db88874e-8ca3-4304-8a5d-beeac928d3b1 Sweden (SE) 7e4fec6b-f6ae-4324-9c44-a1a3f0c88a33 Germany (DE) 91eeeb1e-51f9-458a-869d-bdf4ff2d4df4 Spain (ES) eb7ea8e8-46af-4a99-aca4-e9a0375e62a0 Belgium (BE) 5cd37a02-2ba3-4469-87f9-230564039296 Greece (GR) 73b3f0e6-c18b-41cd-97d5-9529134362c0 Hungary (HU) ff526a9d-1d2a-40de-ba11-61d0880b5154 France (FR) 5eebd8d5-9ae0-4ec0-a4d5-9f4dab285f33 Hungary (HU) 478ff0b5-a5f1-4076-8b22-1bd7056317d1 Denmark (DK) 397d357c-8f25-43ae-9db2-575738ead6d7 Sweden (SE) 9d6b809a-0053-4f73-b00b-de6094f1483b Poland (PL) 814cffc8-88a1-4118-92db-83de51a866d5 Finland (FI) f164b046-3048-4f00-89fe-bbe3860a8f8e Belgium (BE) ae65c05b-969a-4131-85f2-d651fb8db091 Germany (DE) 1fb0231e-db8e-4325-b231-d8548c5634ba Portugal (PT) 8acabcd1-a9dd-4130-85a8-89cdc5a4abb5 Croatia (HR) ee542961-37af-4ec7-b1b3-4bd0a58e5368 Germany (DE) fb4657d9-6c93-4dd4-b98b-bf702f215a2a Norway (NO) bea737d7-b994-4be7-93ed-64223e9fba44 Poland (PL) f1804d51-16d2-40e5-9bfe-ab44833c5ae0 Netherlands (NL) 9271a6db-7ef0-485c-84d1-7891ee1da6a0 Poland (PL) f25763ec-0f8d-4c5f-b2b2-9cdf2ce48cac Bulgaria (BG)

### Environmental

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

### Ordering

Order Code US and Canada	XSEMAFAZZAAAA00000
E-Number (Norway)	4380888
EAN	8056221017015
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

### Dimensions

Product Net Width	280 mm
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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	8056221017015

### 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	1SDH002065A1437

### Technical

Current Type	AC
Electrical Durability	3000 cycle 60 cycles per hour
Mechanical Durability	20000 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 <sub>n</sub> )	1600 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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 <sub>cw</sub> )	20 kA

Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(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 <sub>u</sub> )	1600 A
Release	Ekip Dip LS/I
Release Type	EL
Short-Circuit Performance Level	S
Standards	IEC60947-2
Sub-type	XT7M
Terminal Connection Type	Front

### 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

### 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

