



PRODUCT-DETAILS

XT7H M 1600 Ekip Dip LS/I In1600A 3p F F

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General Information	
Extended Product Type	XT7H M 1600 Ekip Dip LS/I In1600A 3p F F
Product ID	1SDA101433R1
EAN	8056221012515
Catalog Description	XT7H M 1600 Ekip Dip LS/I In1600A 3p F F
Long Description	C.BREAKER TMAX XT7H 1600 FIXED THREE-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

Circular Value	
Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 64.1 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

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	1a944a73-d22e-42e1-804e-61c48611f180 Italy (IT)
Simplified SCIP	6f91dea6-cc4f-4a91-8d36-897b004f0bdc Bulgaria (BG) 6269f542-aa8a-42d2-aab8-557fcd342ba9 Spain (ES) 6caf1d9b-a58f-45bf-b926-d664a98bdd43 Belgium (BE) a7802011-ae53-46d6-811e-c51dcf31df9a Hungary (HU) f6af66e3-72c1-47e5-8b4d-6cac1933cacb Croatia (HR) 9485df5c-c712-4fd9-bcdb-0dc9235a0133 Germany (DE) d933d3e7-f39b-4587-a65a-1c617ec0ab93 Sweden (SE) 3c41a0a8-4bcf-4a24-8df3-69376dd61b0a Germany (DE) 9e119c62-af69-4b2e-8f3e-b5a5513e8c7a Estonia (EE) d47e32cf-61ac-4090-b303-d574199bb140 Czech Republic (CZ) e123ad81-eb4a-491a-9871-50426470307f Germany (DE) 39db37d8-88a8-43ea-93ba-10e4fd8a931f France (FR) e00fbae-e5b3-44e5-8de8-8f39768aaad4 Netherlands (NL) 43a404bf-e772-4e40-b7b8-5082239acb Sweden (SE) 6fc96ce2-65a7-4419-bfad-2b9c5f208449 Germany (DE) 6fc48561-8344-4b09-8b42-eb23967ef716 Norway (NO) 0944d0fd-5a3e-436d-8267-7ba5a04898d8 Poland (PL) dc916254-7807-404f-bf07-af55f05db770 Poland (PL) e5a0f176-5ddc-4bf7-b7bf-6f7d37d811d5 Germany (DE) cda2b7d4-8526-45f4-b8ca-1e30d1442c7d Portugal (PT) 5734599d-54a0-4aa2-a247-5094cedd39d0 Denmark (DK) 8f9ef83e-031f-4015-a191-dc84ea61b9ea Greece (GR) be64d049-6287-482d-bca6-8a9f45a4c444 France (FR) e8431ffd-e5f8-4b12-8767-883d42bdd548 Belgium (BE) 403b550c-84b9-49ac-a261-14ff7daf9fd3 Poland (PL) 9286e706-acd4-4052-9edd-7f373f531fc0 Finland (FI) 210c13cc-4fc1-476e-bc4d-156f94fe2cfd Hungary (HU)

Ordering

Order Code US and Canada	XHELAFAZZAAAA00000
EAN	8056221012515
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	268 mm
Product Net Depth / Length	178 mm
Product Net Weight	11 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	12.5 kg
Package Level 1 EAN	8056221012515

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	3
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) 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	XT7M
Terminal Connection Type	Front
Version	F
CAD Dimensional Drawing	1SDH002065A1337

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

