



PRODUCT-DETAILS

XT7H 1600 Ekip Dip LSIG In=1600A 4p F F

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General Information	
Extended Product Type	XT7H 1600 Ekip Dip LSIG In=1600A 4p F F
Product ID	1SDA101181R1
EAN	8056221014847
Catalog Description	XT7H 1600 Ekip Dip LSIG In=1600A 4p F F
Long Description	C.BREAKER TMAX XT7H 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	94c2545d-47f7-4fee-85d8-0240e7dad162 Italy (IT)
Simplified SCIP	c2955b02-7038-4e22-97d7-dbe33413f6dd Germany (DE) a405fb23-cdd1-40d9-a855-540e0d4356d4 Bulgaria (BG) 4dcd012c-a59d-48eb-9cb0-6a917db7e555 Sweden (SE) 3d06377e-899d-43d0-b9cb-b904c13984a0 Hungary (HU) e4a13d3b-5696-4d4e-82e7-f56da04b063f Belgium (BE) e7e931f1-fd2c-49d2-8f9d-38c81e8585b7 Spain (ES) f0d040ca-a064-472e-82d3-8d88931bd32c Netherlands (NL) 0f92ff15-74c5-4648-ab7f-1db563e86bb7 Croatia (HR) 635fb527-4412-4dcc-b586-7d937a65f5a9 Poland (PL) 02b557ec-83af-4663-95f2-660767afd93c Poland (PL) c37b3ab1-77a8-4bb8-ab1c-57d7795d097e Czech Republic (CZ) c3c3ae7c-0e05-4592-abc1-5e4ef9eef292 Poland (PL) 74153d0a-0b98-4230-ba2d-cadc4248696e Hungary (HU) dfe25dfe-552c-43ca-bd92-41e2ce5f9e6c Norway (NO) b606a392-a2ce-4c73-a73b-622055e7b23b Estonia (EE) 85c6ee5c-e660-4ad0-bd06-de267da1d62e Finland (FI) c6adfaac-c4b8-4a42-941e-a07322f9b1a1 France (FR) bb11f3b-32ee-4104-ba47-3640d6a011a8 Sweden (SE) 76e3d281-bcd6-44cd-bfb7-c0c4ec61ea7e Belgium (BE) 26f13b0b-e381-408e-b9ae-815ad4c8a27b Germany (DE) 69ac3355-a72a-430d-9ea4-433b267f334d Denmark (DK) bc2c4901-3db0-47ca-aecf-7a5c23b2854f Germany (DE) 11c1be71-f84c-452b-bdca-3e07f205d2fe Germany (DE) 996af744-594c-4ba8-a485-3cf41f29e911 Germany (DE) 5a55b43f-0755-48d9-8134-9f9daad5f517 France (FR) dc651a51-7a2a-4788-be7c-2a763c77b6f4 Greece (GR) 9febca0f-e4a9-4599-a76c-f0cc371df06f Portugal (PT)

Ordering

Order Code US and Canada	XT7HE416FGFF000XXX
EAN	8056221014847
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	8056221014847

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) 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 LSIg
Release Type	EL
Short-Circuit Performance Level	H
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

