



PRODUCT-DETAILS

XT7L 1600 Ekip Dip LSIG In=1600A 3p F F

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General Information	
Extended Product Type	XT7L 1600 Ekip Dip LSIG In=1600A 3p F F
Product ID	1SDA100965R1
EAN	8056221010191
Catalog Description	XT7L 1600 Ekip Dip LSIG In=1600A 3p F F
Long Description	C.BREAKER TMAX XT7L 1600 FIXED THREE-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
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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	2d33bad4-81a0-4cdf-92dc-c58c839f03f6 Italy (IT)
Simplified SCIP	90a0fdd1-dc14-47a8-af73-d79b461d546b Germany (DE) 65a404ff-1a13-4fcb-a58f-304a09eddc27 France (FR) 1b295cba-87a0-4cb0-9b21-c5d75db184c2 Belgium (BE) bec09c3d-5dea-4789-bc5b-f4a23f7697eb Hungary (HU) 3ecbdc40-920c-4f14-8b04-0e6644d32895 Spain (ES) 39653bd9-38e3-4e2f-8ce2-40a96c1e098c Poland (PL) bd604ffd-2e95-4da6-8870-c9761ff88f49 Czech Republic (CZ) 962954d7-b13e-4868-81c9-4f5bda43c1f9 Poland (PL) 31fff6cd-75d6-4b69-b24f-13a16f7d0101 Poland (PL) be5216fb-381a-4e65-87be-340bad9ccaf9 Germany (DE) 48d80c62-40ee-4cd5-9523-9a78f91c3d50 Denmark (DK) 16f4b686-5c7f-4d68-9017-dc17b21cc5e6 Germany (DE) aa8a6f23-5592-4156-9462-150a4e2e976e Germany (DE) 077870b5-e8bd-47f6-b3b0-04c31638e214 Belgium (BE) 1eadf51c-ef04-4db2-ae7f-23b0928bbf81 Sweden (SE) 25f42c6e-2022-4b3d-ab65-7455e1db9293 Germany (DE) b5827114-c616-4550-b85d-11cbf8edab4c France (FR) 8a013dfd-81e9-4c4f-b81d-caa5430f0e25 Estonia (EE) c4137065-dd83-45a0-bc1f-954151631f51 Finland (FI) d945befb-0a98-4d06-ab15-f7afa182d307 Norway (NO) 69e8af60-d8af-4557-8633-43f9218bd58e Hungary (HU) f407483b-a3b1-49a1-8d25-70873d8296cc Sweden (SE) dd0486f5-7f92-4543-a37b-87ba29e37d3d Croatia (HR) 7be26caa-b8a5-444f-bf78-722d4fe51d10 Greece (GR) 477a6b23-82e2-4ea8-8feb-ec9a0fb5dd6d Portugal (PT) 0bc747d2-ee41-495d-9c48-6b2c7feac010 Netherlands (NL) 505d2ed8-f814-4812-af2b-365532418a4e Bulgaria (BG)

Ordering

Order Code US and Canada	XT7LE316FGFF000XXX
EAN	8056221010191
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	210 mm
Product Net Height	268 mm
Product Net Depth / Length	166 mm
Product Net Weight	9.7 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	11.2 kg
Package Level 1 EAN	8056221010191

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	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) 200 kA (230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 120 kA (415 V AC) 120 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 65 kA (690 V AC) 50 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	20 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 200 kA (230 V AC) 200 kA (240 V AC) 200 kA (380 V AC) 120 kA (415 V AC) 120 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 65 kA

	(690 V AC) 50 kA
Rated Uninterrupted Current (I _u)	1600 A
Release	Ekip Dip LSIG
Release Type	EL
Short-Circuit Performance Level	L
Standards	IEC60947-2
Sub-type	XT7
Terminal Connection Type	Front
Version	F
CAD Dimensional Drawing	1SDH002065A1336 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

