

PRODUCT-DETAILS

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

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General Information

Extended Product Type	XT7S M 1600 Ekip Dip LIG In=1600A 4p F F
Product ID	1SDA101709R1
EAN	8056221017534
Catalog Description	XT7S M 1600 Ekip Dip LIG 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 LIG R 1600

ABB EcoSolutions

ABB EcoSolutions	Yes
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Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 64.1 %
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

Environmental

Ambient Air Temperature Operation -40 ... 125 °C

Environmental Information 9AKK107991A8215
9AKK108467A6707

REACH Declaration 9AKK108466A1425

RoHS Information 9AKK108466A1424

RoHS Status Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Ordering

Order Code US and Canada XSEMBFAZZAAAA00000

EAN 8056221017534

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 8056221017534

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 LIG
Release Type	EL
Short-Circuit Performance Level	S
Standards	IEC
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

