



PRODUCT-DETAILS

XT7S 1600 Ekip Hi-Touch LSIG 1600A 3p FF
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General Information

Extended Product Type	XT7S 1600 Ekip Hi-Touch LSIG 1600A 3p FF
Product ID	1SDA100861R1
EAN	8056221009157
Catalog Description	XT7S 1600 Ekip Hi-Touch LSIG 1600A 3p FF
Long Description	C.BREAKER TMAX XT7S 1600 FIXED THREE-POLE WITH FRONT TERMALS AND LEVER OPERATG MECHANISM AND SOLID-STATE RELEASE AC EKIP HI-TOUCH LSIG 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	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

Ordering

Order Code US and Canada	XT7SE316FUFF000XXX
EAN	8056221009157
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	8056221009157

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) 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	
Rated Short-time Withstand Current Low Voltage (I _{cw})	(690 V AC) 30 kA	
	20 kA	
	(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	
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(500 V AC) 45 kA	
	(525 V AC) 45 kA	
	(690 V AC) 30 kA	
	1600 A	
Rated Uninterrupted Current (I _u)	1600 A	
Release	Ekip Hi-Touch LSIG	
Release Type	EL	
Short-Circuit Performance Level	S	
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
	1SDH001821A1001

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

