

PRODUCT-DETAILS

XT7S M 1600 Ekip Hi-Touch LSI 1600 3p FF

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General Information

Extended Product Type	XT7S M 1600 Ekip Hi-Touch LSI 1600 3p FF
Product ID	1SDA101397R1
EAN	8056221012157
Catalog Description	XT7S M 1600 Ekip Hi-Touch LSI 1600 3p FF
Long Description	C.BREAKER TMAX XT7S 1600 FIXED THREE-POLE WITH FRONT TERMALS AND STORED ENERGY OPERATING MECHANISM AND LEVER OPERATG MECHANISM AND SOLID-STATE RELEASE AC EKIP HI-TOUCH LSI R 1600

Ordering

EAN	8056221012157
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	9.7 kg

Container Information

Package Level 1 Units	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	8056221012157

Environmental

Ambient Air Temperature	Operation -40 ... 125 °C
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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	CB
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 (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 Hi-Touch LSI
Release Type	EL
Short-Circuit	S

Performance Level	
Standards	IEC 60947
Sub-type	XT7M
Terminal Connection Type	Fixed Circuit-Breakers
Version	F

Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SDC210100D0205
	1SDC210099D0205
Declaration of Conformity - CE	9AKK107046A9648
Instructions and Manuals	1SDH002013A1001
	1SDH002013A1002
	1SDH001821A1001

Classifications

ETIM 6	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 7	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)

Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

