

PRODUCT-DETAILS

# XT7L 1600 Ekip Hi-Touch LSIG 1600A 3p FF

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### General Information

Extended Product Type	XT7L 1600 Ekip Hi-Touch LSIG 1600A 3p FF
Product ID	1SDA100989R1
EAN	8056221010436
Catalog Description	XT7L 1600 Ekip Hi-Touch LSIG 1600A 3p FF
Long Description	C.BREAKER TMAX XT7L 1600 FIXED THREE-POLE WITH FRONT TERMALS AND LEVER OPERATG MECHANISM AND SOLID-STATE RELEASE AC EKIP HI-TOUCH LSIG R 1600

### Ordering

EAN	8056221010436
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	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	8056221010436

## 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 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	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) 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 ( $I_{cw}$ )	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 Hi-Touch LSIG
Release Type	EL
Short-Circuit	L

Performance Level

Standards	IEC 60947
Sub-type	XT7
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

