

PRODUCT-DETAILS

# XT7S M 1600 Ekip Dip LSI In=1600A 4p F F

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### General Information

Extended Product Type	XT7S M 1600 Ekip Dip LSI In=1600A 4p F F
Product ID	1SDA101661R1
EAN	8056221017053
Catalog Description	XT7S M 1600 Ekip Dip LSI 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 LSI R 1600

### Ordering

EAN	8056221017053
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	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	8056221017053

**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	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	CB
Rated Current (I <sub>n</sub> )	1600 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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 <sub>cw</sub> )	20 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(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 <sub>u</sub> )	1600 A
Release	Ekip Dip 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	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK107046A9648
Instructions and Manuals	1SDH002013A1001 1SDH002013A1002

**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

