PRODUCT-DETAILS

XT6N 800 TMA 800-8000 4p F F InN=100%In

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General Information

Extended Product Type	XT6N 800 TMA 800-8000 4p F F InN=100%In
Product ID	1SDA100731R1
EAN	8056221003568
Catalog Description	XT6N 800 TMA 800-8000 4p F F InN=100%In
Long Description	C.BREAKER TMAX XT6N 800 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE FOUR-POLE IN AC-DC TMA R 800 I3=4000...8000 A FULLY RATED NEUTRAL

Ordering

EAN	8056221003568
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	268 mm
Product Net Depth / Length	103.5 mm
Product Net Weight	12 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	305 mm
Package Level 1 Height	285 mm
Package Level 1 Depth / Length	370 mm
Package Level 1 Gross Weight	14 kg
Package Level 1 EAN	8056221003568

Environmental

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/DC
Electrical Durability	120 cycles per hour 5000 cycle
Mechanical Durability	240 cycles per hour 20000 cycle
Number of Poles	4
Order Multiple	1 piece
Power Loss	54.2 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	CB
Rated Current (I_n)	800 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_i)	4000…8000 A
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	690 V AC 750 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V AC) 70 kA (230 V AC) 70 kA (240 V AC) 70 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 25 kA (525 V AC) 25 kA (690 V AC) 20 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 2 Poles in Series 10 kA (750 V DC) 3 Poles in Series 8 kA

Rated Short-time Withstand Current (I_{cw})	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 70 kA (230 V AC) 70 kA (240 V AC) 70 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 30 kA (500 V AC) 25 kA (525 V AC) 25 kA (690 V AC) 20 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 2 Poles in Series 20 kA
Rated Uninterrupted Current (I_u)	800 A
Release	TMA
Release Type	TM
Setting Range	560…800 A
Short-Circuit Performance Level	N
Standards	IEC 60947
Sub-type	XT6
Terminal Connection Type	Fixed Circuit-Breakers
Version	F

Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK107680A2825
Instructions and Manuals	1SDH002012A1001

Classifications

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



