

XT4N 160 MA 100 Im=500...1000 3p F F



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General Information

Extended Product Type	XT4N 160 MA 100 Im=500...1000 3p F F
Product ID	1SDA068118R1
EAN	8015644012809
Catalog Description	XT4N 160 MA 100 Im=500...1000 3p F F
Long Description	C.BREAKER TMAX XT4N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MA Iu 100 A I3=500...1000 A

Ordering

EAN	8015644012809
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	105 mm
Product Net Height	160 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	2.5 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	145 mm
Package Level 1 Height	210 mm
Package Level 1 Depth / Length	168 mm
Package Level 1 Gross Weight	2.5 kg
Package Level 1 EAN	8015644012809

Additional Information

Circuit Breaker Type to be Associated	Motor protection
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	Nr. Operations 240 cycles per hour Nr. Operations 25000 cycle

Number of Poles	3
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Power Loss	at Rated Operating Conditions per Pole 6.24 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	CB
Rated Current (I_n)	100 A
Rated Frequency (f)	50 / 60 Hz
Rated Voltage (U_r)	690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Instantaneous Short-Circuit Current Setting (I_t)	1000 A
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	690 V AC 500 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V AC) 65 kA (220 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (690 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 65 kA (230 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (690 V AC) 10 kA (250 V DC) 2 Poles in Series 36 kA (500 V DC) 3 Poles in Series 36 kA
Rated Uninterrupted Current (I_u)	160 A
Release Type	M
Standards	IEC
Sub-type	XT4
Terminal Connection Type	Fixed Circuit-Breakers Front
Version	F

Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SDC210033D0204
Declaration of Conformity - CE	9AKK106713A5529
Environmental Information	1SDL000190R0001
GL Certificate	1SDL000163R0095
Instructions and Manuals	1SDH000722R0001
LR Certificate	1SDL000163R0100

Classifications

ETIM 4	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
ETIM 5	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
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
UNSPSC	39120000
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

