

# XT1B 160 TMD 80-800 4p F F



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

## General Information

<b>Extended Product Type:</b>	XT1B 160 TMD 80-800 4p F F
<b>Product ID:</b>	1SDA066817R1
<b>EAN:</b>	8015644694531
<b>Catalog Description:</b>	XT1B 160 TMD 80-800 4p F F
<b>Long Description:</b>	C.BREAKER TMAX XT1B 160 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMD R 80-800 A

## Ordering

<b>EAN:</b>	8015644694531
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362090

## Dimensions

<b>Product Net Width:</b>	101.6 mm
<b>Product Net Height:</b>	130 mm
<b>Product Net Depth / Length:</b>	70 mm
<b>Product Net Weight:</b>	1.4 kg

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	128 mm
<b>Package Level 1 Height:</b>	135 mm
<b>Package Level 1 Depth / Length:</b>	143 mm
<b>Package Level 1 Gross Weight:</b>	1.4 kg
<b>Package Level 1 EAN:</b>	8015644694531

## Additional Information

<b>Circuit Breaker Type to be Associated:</b>	Power distribution
<b>Electrical Durability:</b>	120 cycles per hour 8000 cycle
<b>Mechanical Durability:</b>	Nr. Operations 240 cycles per hour Nr. Operations 25000 cycle
<b>Number of Poles:</b>	4
<b>Opening Time:</b>	CB with SOR 15 ms CB with UVR 15 ms

<b>Power Loss:</b>	at Rated Operating Conditions per Pole 4.8 W
<b>Product Main Type:</b>	SACE Tmax XT
<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Type:</b>	CB
<b>Rated Current (I<sub>n</sub>):</b>	80 A
<b>Rated Frequency (f):</b>	50 / 60 Hz
<b>Rated Voltage (U<sub>r</sub>):</b>	690 V
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	800 V
<b>Rated Operational Voltage:</b>	690 V AC 500 V DC
<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	(220 V AC) 25 kA (220 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 11,25 kA (500 V AC) 8 kA (690 V AC) 3 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (I<sub>cu</sub>):</b>	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 18 kA (415 V AC) 18 kA (440 V AC) 15 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 18 kA (500 V DC) 3 Poles in Series 18 kA
<b>Rated Uninterrupted Current (I<sub>u</sub>):</b>	160 A
<b>Release Type:</b>	TM
<b>Standards:</b>	IEC
<b>Sub-type:</b>	XT1
<b>Terminal Connection Type:</b>	Fixed Circuit-Breakers Front
<b>Version:</b>	F

## Certificates and Declarations (Document Number)

<b>Data Sheet, Technical Information:</b>	1SDC210033D0204
<b>Declaration of Conformity - CE:</b>	9AKK106713A5532
<b>Environmental Information:</b>	1SDL000190R0001
<b>GL Certificate:</b>	1SDL000163R0103
<b>Instructions and Manuals:</b>	1SDH000719R0001

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.

**Object Classification Code:** Q

**UNSPSC:** 39120000

