

# T1B 160 TMD16-630 3p F FC Cu (1 70mm<sup>2</sup>)



Products Low Voltage Products and Systems Circuit Breakers Moulded Case Circuit Breakers Tmax T

## General Information

<b>Extended Product Type:</b>	T1B 160 TMD16-630 3p F FC Cu (1 70mm <sup>2</sup> )
<b>Product ID:</b>	1SDA050870R1
<b>EAN:</b>	8015644512828
<b>Catalog Description:</b>	T1B 160 TMD16-630 3p F FC Cu (1 70mm <sup>2</sup> )
<b>Long Description:</b>	C.BREAKER TMAX T1B 160 FIXED THREE-POLE WITH FRONT TERMINALS FOR CABLE Cu 70mm <sup>2</sup> AND THERMOMAGNETIC RELEASE TMD R 16-630 A

## Additional Information

<b>ABB Industrial IT Suite:</b>	Protect IT
<b>Country of Origin:</b>	Italy (IT)
<b>Customs Tariff Number:</b>	85362090
<b>Data Sheet, Technical Information:</b>	1SDC210004D0203
<b>Data Sheet, Technical Information (Part 2):</b>	1SDM000030R0001
<b>Declaration of Conformity - CE:</b>	1SDL000165R0001
<b>EAN:</b>	8015644512828
<b>Electrical Durability:</b>	8000 cycle 120 cycles per hour
<b>Environmental Information:</b>	1SDL000140R0
<b>GL Certificate:</b>	1SDL000163R0058
<b>IIT Publishing Status:</b>	Level 0 - Information enabled
<b>Industrial IT Certification Level:</b>	0
<b>Instructions and Manuals:</b>	ITSCE-RH0011001
<b>Instructions and Manuals (Part 2):</b>	ITSCE-RH0100.001
<b>Instructions and Manuals (Part 3):</b>	ITSCE-RH0011002
<b>Invoice Description:</b>	T1B 160 TMD16-630 3p F FC Cu (1 70mm <sup>2</sup> )
<b>Mechanical Durability:</b>	25000 cycle 240 cycles per hour
<b>Minimum Order Quantity:</b>	1 piece
<b>Number of Poles:</b>	3
<b>Object Classification Code:</b>	Q
<b>Package Level 1 EAN:</b>	8015644512828
<b>Package Level 1 Gross Weight:</b>	1.11 kg
<b>Package Level 1 Height:</b>	135 mm
<b>Package Level 1 Length:</b>	143 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	128 mm
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 1,5 W
<b>Product Main Type:</b>	SACE Tmax T
<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Net Depth:</b>	70 mm
<b>Product Net Height:</b>	130 mm
<b>Product Net Weight:</b>	1 kg
<b>Product Net Width:</b>	76 mm
<b>Product Type:</b>	CB

<b>Rated Current (<math>I_n</math>):</b>	16 A
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	800 V
<b>Rated Operational Voltage:</b>	690 V AC 500 V DC
<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	(220 V AC) 25 kA (230 V AC) 25 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(220 V AC) 2.5 kA (230 V AC) 2.5 kA (380 V AC) 16 kA (415 V AC) 16 kA (440 V AC) 10 kA (500 V AC) 8 kA (690 V AC) 3 kA (250 V DC) 2 Poles in Series 16 kA (250 V DC) 3 Poles in Series 20 kA (500 V DC) 3 Poles in Series 16 kA
<b>Rated Uninterrupted Current (<math>I_u</math>):</b>	160 A
<b>Release:</b>	TMD
<b>Release Type:</b>	TM
<b>RoHS Information:</b>	1SDL000200R0001
<b>Selling Unit of Measure:</b>	piece
<b>Short Description:</b>	T1B 160 TMD16-630 3p F FC Cu (1  ü70mm2)
<b>Short-Circuit Performance Level:</b>	B
<b>Size:</b>	T1B
<b>Standards:</b>	IEC 60947
<b>Sub-type:</b>	T1
<b>Suitable For:</b>	T1
<b>Suitable for Product Class:</b>	Moulded Case Circuit Breakers
<b>Terminal Connection Type:</b>	Fixed Circuit-Breakers Front for Copper Cables
<b>Test Voltage Max (<math>U_{test}</math>):</b>	3000 V
<b>Test Voltage at Industrial Frequency for 1 Minute:</b>	3000 V
<b>UNSPSC:</b>	39121100
<b>Version:</b>	F
<b>Wiring Diagram:</b>	1SDM000030R0001
<b>Last Ordering Date:</b>	2016-12-31 All Countries

