

# A2C 250 TMF 160-1600 4p F F



Products → Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → FORMULA

## General Information

<b>Extended Product Type:</b>	A2C 250 TMF 160-1600 4p F F
<b>Product ID:</b>	1SDA066788R1
<b>EAN:</b>	8015644006983
<b>Catalog Description:</b>	A2C 250 TMF 160-1600 4p F F
<b>Long Description:</b>	C.BREAKER FORMULA A2C 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND THE RMOMAGNETIC RELEASE TMF R 160-1600 A

## Additional Information

<b>Country of Origin:</b>	Italy (IT)
<b>Customs Tariff Number:</b>	85362090
<b>Data Sheet, Technical Information:</b>	1SDC210032D0204
<b>Declaration of Conformity - CE:</b>	9AKK106713A5518
<b>EAN:</b>	8015644006983
<b>ETIM 4:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>ETIM 5:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>ETIM 6:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation prot.
<b>Electrical Durability:</b>	4000 cycle
<b>Environmental Information:</b>	1SDL000183R0001
<b>Instructions and Manuals:</b>	1SDH000718R0001
<b>Invoice Description:</b>	A2C 250 TMF 160-1600 4p F F
<b>Mechanical Durability:</b>	Nr. Operations 10000 cycle
<b>Minimum Order Quantity:</b>	1 piece
<b>Number of Poles:</b>	4
<b>Object Classification Code:</b>	Q
<b>Opening Time:</b>	CB with SOR 15 ms CB with UVR 15 ms
<b>Package Level 1 EAN:</b>	8015644006983
<b>Package Level 1 Gross Weight:</b>	1.8 kg
<b>Package Level 1 Height:</b>	120 mm
<b>Package Level 1 Length:</b>	155 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	162 mm
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 9 W
<b>Product Main Type:</b>	SACE FORMULA
<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Net Depth:</b>	60 mm
<b>Product Net Height:</b>	150 mm
<b>Product Net Weight:</b>	1.45 kg
<b>Product Net Width:</b>	140 mm
<b>Product Type:</b>	CB
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 160 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	6 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	690 V
<b>Rated Operational Voltage:</b>	550 V AC 250 V DC
<b>Rated Service Short-Circuit Breaking</b>	(240 V AC) 25 kA

**Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):** (240 V AC) 25 kA  
(380 V AC) 12.5 kA  
(415 V AC) 12.5 kA  
(440 V AC) 10 kA  
(480 V AC) 9 kA  
(500 V AC) 4 kA  
(250 V DC) 2 Poles in Series 12.5 kA

**Rated Short-Circuit Making Capacity ( $I_{cm}$ ):** (240 V AC) 105 kA  
(380 V AC) 52.5 kA  
(415 V AC) 52.5 kA  
(440 V AC) 40 kA  
(480 V AC) 36 kA  
(500 V AC) 13.6 kA

**Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):** (240 V AC) 50 kA  
(380 V AC) 25 kA  
(415 V AC) 25 kA  
(440 V AC) 20 kA  
(480 V AC) 18 kA  
(500 V AC) 8 kA  
(250 V DC) 2 Poles in Series 25 kA

**Rated Uninterrupted Current ( $I_u$ ):** 250 A

**Release:** TMF

**Release Type:** TM

**Selling Unit of Measure:** piece

**Short Description:** A2C 250 TMF 160-1600 4p F F

**Short-Circuit Performance Level:** C

**Size:** A2C

**Standards:** IEC

**Sub-type:** A2

**Terminal Connection Type:** Front

**Version:** F

