

# A1B 125 TMF 125-1250 3p F F



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

## General Information

<b>Extended Product Type:</b>	A1B 125 TMF 125-1250 3p F F
<b>Product ID:</b>	1SDA066708R1
<b>EAN:</b>	8015644694012
<b>Catalog Description:</b>	A1B 125 TMF 125-1250 3p F F
<b>Long Description:</b>	C.BREAKER FORMULA A1B 125 FIXED THREE-POLE WITH FRONT TERMINALS AND TH ERMOMAGNETIC RELEASE TMF R 125-1250 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>	9AKK106713A5519
<b>EAN:</b>	8015644694012
<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>	1500 cycle
<b>Environmental Information:</b>	1SDL000183R0001
<b>Instructions and Manuals:</b>	1SDH000717R0001
<b>Invoice Description:</b>	A1B 125 TMF 125-1250 3p F F
<b>Mechanical Durability:</b>	Nr. Operations 8500 cycle
<b>Minimum Order Quantity:</b>	1 piece
<b>Number of Poles:</b>	3
<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>	8015644694012
<b>Package Level 1 Gross Weight:</b>	0.8 kg
<b>Package Level 1 Height:</b>	124 mm
<b>Package Level 1 Length:</b>	110.5 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	136.5 mm
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 11 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>	130 mm
<b>Product Net Weight:</b>	0.7 kg
<b>Product Net Width:</b>	76.2 mm
<b>Product Type:</b>	CB
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 125 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) 12.5 kA

**Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):** (240 V AC) 12.5 kA  
(380 V AC) 9 kA  
(415 V AC) 5 kA  
(440 V AC) 5 kA  
(480 V AC) 5 kA  
(500 V AC) 2.5 kA  
(250 V DC) 2 Poles in Series 2.5 kA

**Rated Short-Circuit Making Capacity ( $I_{cm}$ ):** (240 V AC) 52.5 kA  
(380 V AC) 36 kA  
(415 V AC) 36 kA  
(440 V AC) 30 kA  
(480 V AC) 17 kA  
(500 V AC) 7.5 kA

**Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):** (240 V AC) 25 kA  
(380 V AC) 18 kA  
(415 V AC) 18 kA  
(440 V AC) 15 kA  
(480 V AC) 10 kA  
(500 V AC) 5 kA  
(250 V DC) 5 kA

**Rated Uninterrupted Current ( $I_u$ ):** 125 A

**Release:** TMF

**Release Type:** TM

**Selling Unit of Measure:** piece

**Short Description:** A1B 125 TMF 125-1250 3p F F

**Short-Circuit Performance Level:** B

**Size:** A1B

**Standards:** IEC

**Sub-type:** A1

**Terminal Connection Type:** Front

**Version:** F

