

# A1N 125 TMF 16-400 3p F F



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

## General Information

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | A1N 125 TMF 16-400 3p F F   |
| <b>Product ID:</b>            | 1SDA068749R1  |
| <b>EAN:</b>                   | 8015644696733   |
| <b>Catalog Description:</b>   | A1N 125 TMF 16-400 3p F F   |
| <b>Long Description:</b>      | C.BREAKER FORMULA A1N 125 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 16-400 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>   | 8015644696733   |
| <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>                               | A1N 125 TMF 16-400 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<br>CB with UVR 15 ms                                  |
| <b>Package Level 1 EAN:</b>                               | 8015644696733   |
| <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 2.8 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 16 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<br>250 V DC  |
| <b>Rated Service Short-Circuit Breaking</b>               | (240 V AC) 50 kA  |

**Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):** (240 V AC) 30 kA  
(380 V AC) 18 kA  
(415 V AC) 7.5 kA  
(440 V AC) 6.25 kA  
(480 V AC) 4.5 kA  
(500 V AC) 2.5 kA  
(250 V DC) 2 Poles in Series 5 kA

**Rated Short-Circuit Making Capacity ( $I_{cm}$ ):** (240 V AC) 220 kA  
(380 V AC) 75.6 kA  
(415 V AC) 63 kA  
(440 V AC) 52.5 kA  
(480 V AC) 17 kA  
(500 V AC) 17 kA

**Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):** (240 V AC) 100 kA  
(380 V AC) 36 kA  
(415 V AC) 36 kA  
(440 V AC) 25 kA  
(480 V AC) 18 kA  
(500 V AC) 10 kA  
(250 V DC) 10 kA

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

**Release:** TMF

**Release Type:** TM

**Selling Unit of Measure:** piece

**Short Description:** A1N 125 TMF 16-400 3p F F

**Short-Circuit Performance Level:** N

**Size:** A1N

**Standards:** IEC

**Sub-type:** A1

**Terminal Connection Type:** Front

**Version:** F

