

PRODUCT-DETAILS

# A1B 125 TMF 70-700 3p F F

## A1B 125 TMF 70-700 3p F F



### General Information

|                       |   |
|-----------------------|---|
| Extended Product Type | A1B 125 TMF 70-700 3p F F   |
| Product ID            | 1SDA066704R1  |
| EAN                   | 8015644693992   |
| Catalog Description   | A1B 125 TMF 70-700 3p F F   |
| Long Description      | C.BREAKER FORMULA A1B 125 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 70-700 A |

### Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644693992 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

### Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 76.2 mm |
| Product Net Height         | 130 mm  |
| Product Net Depth / Length | 60 mm   |
| Product Net Weight         | 0.79 kg |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 136.5 mm      |
| Package Level 1 Height         | 124 mm        |
| Package Level 1 Depth / Length | 110.5 mm      |
| Package Level 1 Gross Weight   | 0.8 kg        |
| Package Level 1 EAN            | 8015644693992 |

## Additional Information

|   |  |
|---|--|
| Electrical Durability                                       | 1500 cycle   |
| Mechanical Durability                                       | Nr. Operations 8500 cycle  |
| Number of Poles   | 3  |
| Opening Time  | CB with SOR 15 ms<br>CB with UVR 15 ms   |
| Power Loss  | at Rated Operating Conditions per Pole 8 W   |
| Product Main Type   | SACE FORMULA   |
| Product Name  | Moulded Case Circuit Breaker   |
| Product Type  | CB   |
| Rated Current ( $I_n$ )                                     | Main Circuit 70 A  |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 6 kV   |
| Rated Insulation Voltage ( $U_i$ )                          | 690 V  |
| Rated Operational Voltage                                   | 550 V AC<br>250 V DC   |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (240 V AC) 12.5 kA<br>(380 V AC) 9 kA<br>(415 V AC) 5 kA<br>(440 V AC) 5 kA<br>(480 V AC) 5 kA<br>(500 V AC) 2.5 kA<br>(250 V DC) 2 Poles in Series 2.5 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (240 V AC) 25 kA<br>(380 V AC) 18 kA<br>(415 V AC) 18 kA<br>(440 V AC) 15 kA<br>(480 V AC) 10 kA<br>(500 V AC) 5 kA<br>(250 V DC) 5 kA                     |
| Rated Uninterrupted Current ( $I_u$ )                       | 125 A  |
| Release   | TMF  |
| Release Type  | TM   |
| Short-Circuit Performance Level                             | B  |
| Standards   | IEC  |
| Sub-type  | A1   |
| Terminal Connection Type                                    | Front  |
| Version   | F  |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210032D0204 |
| Declaration of Conformity - CE    | 9AKK106713A5519 |
| Environmental Information         | 1SDL000183R0001 |

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**Classifications**

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|                            |  |
|----------------------------|--|
| 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.      |
| ETIM 7                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| Object Classification Code | Q  |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm)                   |

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**Categories**

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Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Formula DSA

