



PRODUCT-DETAILS

A1C 125 TMF 125-1250 1p F F

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General Information

|                       |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| Extended Product Type | A1C 125 TMF 125-1250 1p F F                                                                                  |
| Product ID            | 1SDA066496R1                                                                                                 |
| EAN                   | 8015644692995                                                                                                |
| Catalog Description   | A1C 125 TMF 125-1250 1p F F                                                                                  |
| Long Description      | C.BREAKER FORMULA A1C 125 FIXED SINGLE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 125-1250 A |

Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| REACH Declaration                           | 9AKK108466A1425                                                        |
| RoHS Declaration                            | 9AKK108466A1424                                                        |
| RoHS Information                            | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                                        |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326                                                        |

Environmental

Environmental Information

1SDL000183R0001  
9AKK108467A6707

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**Ordering**

|                          |               |
|--------------------------|---------------|
| Order Code US and Canada | AAC125TW-1    |
| EAN                      | 8015644692995 |
| Minimum Order Quantity   | 1 piece       |
| Customs Tariff Number    | 85362090      |

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**Dimensions**

|                            |         |
|----------------------------|---------|
| Product Net Width          | 25.4 mm |
| Product Net Height         | 130 mm  |
| Product Net Depth / Length | 60 mm   |
| Product Net Weight         | 0.25 kg |

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**Container Information**

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Width          | 75 mm         |
| Package Level 1 Height         | 148 mm        |
| Package Level 1 Depth / Length | 93 mm         |
| Package Level 1 Gross Weight   | 0.3 kg        |
| Package Level 1 EAN            | 8015644692995 |

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**Additional Information**

|                   |                              |
|-------------------|------------------------------|
| Product Main Type | SACE FORMULA                 |
| Product Name      | Moulded Case Circuit Breaker |
| Product Type      | Automatic Circuit Breaker    |
| Version           | F                            |

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**Technical**

|                                                             |                                                             |
|-------------------------------------------------------------|-------------------------------------------------------------|
| Electrical Durability                                       | 1500 cycle                                                  |
| Mechanical Durability                                       | Nr. Operations 8500 cycle                                   |
| Number of Poles                                             | 1P                                                          |
| Opening Time                                                | CB with SOR 15 ms<br>CB with UVR 15 ms                      |
| Power Loss                                                  | at Rated Operating Conditions per Pole 11 W                 |
| Rated Current ( $I_n$ )                                     | Main Circuit 125 A                                          |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 6 kV                                                        |
| Rated Insulation Voltage ( $U_i$ )                          | 690 V                                                       |
| Rated Operational Voltage                                   | 415 V AC<br>125 V DC                                        |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (240 V AC) 9 kA<br>(380 V AC) 1.25 kA<br>(415 V AC) 1.25 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (240 V AC) 18 kA<br>(380 V AC) 2.5 kA<br>(415 V AC) 2.5 kA  |

|                                               |                 |
|-----------------------------------------------|-----------------|
|                                               | (125 V DC) 5 kA |
| Rated Uninterrupted Current (I <sub>U</sub> ) | 125 A           |
| Release                                       | TMF             |
| Release Type                                  | TM              |
| Short-Circuit Performance Level               | C               |
| Standards                                     | IEC             |
| Sub-type                                      | A1              |
| Terminal Connection Type                      | Front           |

Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SDC210032D0204 |
| Declaration of Conformity - CE    | 9AKK106713A5519 |
| Wiring Diagram                    | 1SDM000067R0001 |
| Instructions and Manuals          | 1SDH000717R0002 |

External Classifications and Standards

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| ETIM 9                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 10                    | 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)                   |
| eClass                     | V11.1 : 27370409                                                             |

Categories

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

