



PRODUCT-DETAILS

A1N 125 TMF 125-1250 3p F F

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| General Information                         |                                                                                                             |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Extended Product Type                       | A1N 125 TMF 125-1250 3p F F                                                                                 |
| Product ID                                  | 1SDA066732R1                                                                                                |
| EAN                                         | 8015644006426                                                                                               |
| Catalog Description                         | A1N 125 TMF 125-1250 3p F F                                                                                 |
| Long Description                            | C.BREAKER FORMULA A1N 125 FIXED THREE-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 125-1250 A |
| Material Compliance                         |                                                                                                             |
| REACH Declaration                           | 9AKK108466A1425                                                                                             |
| RoHS Information                            | 9AKK108466A1424                                                                                             |
| RoHS Status                                 | 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<br>9AKK108467A6707 |
|---------------------------|------------------------------------|

## Ordering

|                          |               |
|--------------------------|---------------|
| Order Code US and Canada | AAN125TW      |
| EAN                      | 8015644006426 |
| 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         | 0.796 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            | 8015644006426 |

## Additional Information

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

## Technical

|                                               |                                             |
|-----------------------------------------------|---------------------------------------------|
| Electrical Durability                         | 1500 cycle                                  |
| Mechanical Durability                         | Nr. Operations 8500 cycle                   |
| Number of Poles                               | 3P                                          |
| 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                             | 550 V AC                                    |

|                                                             |                                                                                                                                                                |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage                                                     | 250 V DC                                                                                                                                                       |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | (240 V AC) 50 kA<br>(380 V AC) 18 kA<br>(415 V AC) 7.5 kA<br>(440 V AC) 6.25 kA<br>(480 V AC) 4.5 kA<br>(500 V AC) 2.5 kA<br>(250 V DC) 2 Poles in Series 5 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (240 V AC) 100 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 25 kA<br>(480 V AC) 18 kA<br>(500 V AC) 10 kA<br>(250 V DC) 10 kA                      |
| Rated Uninterrupted Current ( $I_u$ )                       | 125 A                                                                                                                                                          |
| Release                                                     | TMF                                                                                                                                                            |
| Release Type                                                | TM                                                                                                                                                             |
| Short-Circuit Performance Level                             | N                                                                                                                                                              |
| 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          | 1SDH000717R0001 |

### External Classifications and Standards

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| ETIM 8                     | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9                     | 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                                                             |

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## Categories

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

