

PRODUCT-DETAILS

# A1A 125 TMF 20-400 4p F F

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## General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | A1A 125 TMF 20-400 4p F F  |
| Product ID            | 1SDA066525R1   |
| EAN                   | 8015644693121  |
| Catalog Description   | A1A 125 TMF 20-400 4p F F  |
| Long Description      | C.BREAKER FORMULA A1A 125 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 20-400 A |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644693121 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 101.6 mm |
| Product Net Height         | 130 mm   |
| Product Net Depth / Length | 60 mm    |
| Product Net Weight         | 1 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   | 1.05 kg       |
| Package Level 1 EAN            | 8015644693121 |

## Additional Information

|   |   |
|---|---|
| Electrical Durability                                       | 1500 cycle  |
| Mechanical Durability                                       | Nr. Operations 8500 cycle   |
| Number of Poles   | 4   |
| Opening Time  | CB with SOR 15 ms<br>CB with UVR 15 ms  |
| Power Loss  | at Rated Operating Conditions per Pole 3 W  |
| Product Main Type   | SACE FORMULA  |
| Product Name  | Moulded Case Circuit Breaker  |
| Product Type  | CB  |
| Rated Current ( $I_n$ )                                     | Main Circuit 20 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) 5 kA<br>(415 V AC) 5 kA<br>(440 V AC) 4 kA<br>(480 V AC) 3.75 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) 10 kA<br>(380 V AC) 10 kA<br>(415 V AC) 10 kA<br>(440 V AC) 8 kA<br>(480 V AC) 7.5 kA<br>(500 V AC) 5 kA<br>(250 V DC) 5 kA                        |
| Rated Uninterrupted Current ( $I_u$ )                       | 125 A   |
| Release Type  | TM  |
| 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 |
| Instructions and Manuals          | 1SDH000717R0001 |

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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

