



General Information

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| Extended Product Type: | A1A 125 TMF 80-800 4p F F |
| Product ID: | 1SDA066532R1 |
| EAN: | 8015644004446 |
| Catalog Description: | A1A 125 TMF 80-800 4p F F |
| Long Description: | C.BREAKER FORMULA A1A 125 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE TMF R 80-800 A |

Categories

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

Ordering

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| EAN: | 8015644004446 |
| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85362090 |

Dimensions

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| Product Net Width: | 101.6 mm |
| Product Net Height: | 130 mm |
| Product Net Depth: | 60 mm |
| Product Net Weight: | 0.925 kg |

Container Information

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| Package Level 1 Units: | 1 piece |
| Package Level 1 Width: | 136.5 mm |
| Package Level 1 Height: | 124 mm |
| Package Level 1 Length: | 110.5 mm |
| Package Level 1 Gross Weight: | 1.05 kg |
| Package Level 1 EAN: | 8015644004446 |

Additional Information

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| Electrical Durability: | 120 cycles per hour 1500 cycle |
| Mechanical Durability: | Nr. Operations 240 cycles per hour Nr. Operations 8500 cycle |
| Number of Poles: | 4 |
| Opening Time: | CB with SOR 15 ms CB with UVR 15 ms |
| Power Loss: | at Rated Operating Conditions per Pole 9 W |
| Product Main Type: | SACE FORMULA |
| Product Name: | Automatic Circuit Breaker |
| Product Type: | CB |
| Rated Current (I_n): | 80 A |
| Rated Impulse Withstand Voltage (U_{imp}): | 6 kV |

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| Rated Insulation Voltage (U_i): | 690 V |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}): | (240 V) 12.5 kA (380 V AC) 5 kA (415 V AC) 5 kA (440 V AC) 4 kA (480 V AC) 3.75 kA (500 V AC) 2.5 kA (250 V DC) 2 Poles in Series 2.5 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}): | (240 V AC) 10 kA (380 V AC) 10 kA (415 V AC) 10 kA (440 V AC) 8 kA (480 V AC) 7.5 kA (500 V AC) 5 kA (250 V DC) 5 kA |
| Rated Uninterrupted Current (I_u): | 125 A |
| Release Type: | TM |
| Standards: | IEC 60947 |
| Sub-type: | A1 |
| Terminal Connection Type: | Front |
| Version: | F |

Certificates and Declarations (Document Number)

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|---|-----------------|
| Data Sheet, Technical Information: | 9AKK105713A5945 |
| Declaration of Conformity - CE: | 1SDL000158R137 |

Classifications

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|------------------------------------|---|
| ETIM 4.0: | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 5.0: | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| Object Classification Code: | Q |

