



Catalog No. 1SVR730712R1400

Description: CM-MSS.31S Therm. motor protec. relay 1n/o+1n/c, 24-240VAC/DC

UPC No 4013614496653

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Descriptors

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| Category | Measuring & Monitoring Relays |
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Specifications

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|----------------------------------|--|
| Product Line Type | Thermistor Motor Protection Relays |
| Function | 1 sensor circuit Short-circuit detection Non-volatile fault storage Dynamic interrupted wire detection Auto, manual or remote reset ATEX approved |
| Output | 1 n/o + 1 n/c contact |
| Rated Control Supply Voltage | 24 ... 240 V AC / DC |
| Terminal Type | Screw Terminals |
| Product Main Type | CM-MSS |
| Ambient Air Temperature | Operation -25 ... +60 °C Storage -40 ... +85 °C |
| RoHS Status | Following EU Directive 2011/65/EU |
| Maximum Operating Voltage UL/CSA | Output Circuit 300 V AC |
| Contact Rating UL/CSA | B300 |
| Connecting Capacity UL/CSA | Flexible 1x 18-14 AWG Flexible 2x 18-16AWG Rigid 1x 20-12 AWG Rigid 2x 20-14 AWG |
| Tightening Torque UL/CSA | 7.08 in·lb |
| Object Classification Code | B |

Classifications

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|----------|---|
| ETIM 5.0 | EC002568 - Temperature monitor (motor protection) |
| ETIM 6.0 | EC002568 - Relay for thermistor protection (PTC) |
| ETIM 7 | EC002568 - Relay for thermistor protection (PTC) |
| eClass | 7.0 27371503 |

Dimensions

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|-------------------|---------|
| Product Net Width | 22.5 mm |
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Dimensions

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|----------------------------|----------|
| Product Net Height | 85.6 mm |
| Product Net Depth / Length | 103.7 mm |
| Product Net Weight | 0.128 kg |

Package Information

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|--------------------------------|---------------|
| Package Level 1 Units | 1 piece |
| Package Level 1 Width | 97 mm |
| Package Level 1 Height | 109 mm |
| Package Level 1 Depth / Length | 30 mm |
| Package Level 1 Gross Weight | 0.154 kg |
| Package Level 1 EAN | 4013614496653 |

Ordering

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|------------------------|---|
| Minimum Order Quantity | 1 |
| Customs Tariff Number | 85364900 |
| ECCN | N |
| ECN | N |
| ATEX Certificate | EU Type Examination Certificate_TPS_18_ATEX_044254_0018_X |
| ABB Business Unit | ELSP - Smart Power |
| ABB Product Group | 3099>>ELSP |