



## Main

|                     |             |
|---------------------|-------------|
| Product Type        | Power relay |
| Switch Function     | SPDT        |
| Contact Composition | 1 NC + 1 NO |

## Complementary

|                            |  |
|----------------------------|--|
| Input Current              | 25 A   |
| Contacts Material          | Silver alloy contacts  |
| Minimum Switching Current  | 100 mA 5 V DC  |
| Coil Resistance            | 100 Ohm  |
| Input voltage              | 12 V DC  |
| Drop-out Voltage Threshold | $\geq 0.1 U_c$ AC/DC   |
| Rated Operational Current  | 25 A at 300 V AC (on resistive load) conforming to UL<br>5 A at 600 V AC (on resistive load) conforming to UL<br>13 A at 28 V DC (on resistive load) conforming to UL<br>22 A at 120 V AC (full load) conforming to UL<br>20 A at 277 V AC (ballast) conforming to UL<br>25 A at 250 V AC-1 (NO/NC) conforming to IEC<br>15 A at 28 V DC-1 (NO/NC) conforming to IEC |
| Power consumption in W     | 1.3 W DC   |
| Power consumption in VA    | 2 VA AC  |
| Voltage Range              | $0.8 \dots 1.1 U_c$ DC   |
| Maximum Switching Voltage  | 600 V AC   |
| Motor Power HP             | 1.5 Hp 200/240 V AC 50/60 Hz<br>1 Hp 120...200V AC 50/60 Hz<br>1 hp 600 V AC 50/60 Hz  |
| Connections Terminals      | Quick  |
| Mounting                   | Flange   |
| Product Weight             | 2.96 oz (84 g)   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Ambient Air Temperature for Operation | -22...131 °F (-30...55 °C)  |
| Ambient Air Temperature for Storage   | -22...185 °F (-30...85 °C)  |
| Product Certifications                | CURus<br>CSA<br>CE  |
| Electrical Durability                 | 100000 Cycles resistive load<br>50000 cycles resistive DC load                              |
| Mechanical Durability                 | 5000000 cycles  |
| Dielectric Strength                   | 2200 V AC between coil and contact<br>2200 V AC between poles<br>1600 V AC between contacts |

## Ordering and shipping details

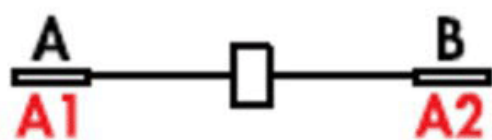
|                       |                  |
|-----------------------|------------------|
| GTIN                  | 3606480276767    |
| Nbr. of units in pkg. | 1                |
| Package weight(Lbs)   | 2.96 oz (84.0 g) |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 2.90 in (7.36 cm)      |
| Package 1 width              | 1.49 in (3.78 cm)      |
| Package 1 Length             | 1.36 in (3.45 cm)      |
| Unit Type of Package 2       | BB1                    |
| Number of Units in Package 2 | 10                     |
| Package 2 Weight             | 29.63 oz (840.0 g)     |
| Package 2 Height             | 1.57 in (4 cm)         |
| Package 2 width              | 5.20 in (13.2 cm)      |
| Package 2 Length             | 7.42 in (18.85 cm)     |
| Unit Type of Package 3       | S02                    |
| Number of Units in Package 3 | 60                     |
| Package 3 Weight             | 14.68 lb(US) (6.66 kg) |
| Package 3 Height             | 5.91 in (15 cm)        |
| Package 3 width              | 11.81 in (30 cm)       |
| Package 3 Length             | 15.75 in (40 cm)       |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>  |
| REACH free of SVHC         | Yes  |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes  |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>  |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.   |



## Connections and Wiring Diagrams

