



## Main

|                     |             |
|---------------------|-------------|
| Product type        | Power relay |
| Switch function     | SPST        |
| Contact composition | 1 NO        |

## Complementary

|                                             |                                |
|---------------------------------------------|--------------------------------|
| Input current                               | 10 A                           |
| Contacts material                           | Silver alloy contacts          |
| Minimum switching current                   | 100 mA                         |
| Coil Resistance                             | 2880 Ohm                       |
| Input voltage                               | 24 V DC                        |
| Drop-out voltage threshold                  | $\geq 0.1 U_c$ DC              |
| [I <sub>e</sub> ] rated operational current | 10 A 240 V AC<br>10 A 30 V DC  |
| Average coil consumption in VA              | 0.2 DC                         |
| Voltage range                               | 0.8...1.1 U <sub>n</sub> DC    |
| Maximum Horse Power Rating                  | 0.1 hp 120 V DC                |
| Connections - terminals                     | Pins for printed circuit board |
| Protective treatment                        | Epoxy powder coat              |
| Electrical insulation class                 | Class E                        |
| Mounting                                    | Printed circuit boards         |
| Height                                      | 0.39 in (10 mm)                |
| Width                                       | 0.50 in (12.7 mm)              |
| Depth                                       | 0.81 in (20.49 mm)             |
| Net Weight                                  | 0.19 oz (5.5 g)                |
| Operating time                              | 10 ms                          |

## Environment

|                                         |                                                                  |
|-----------------------------------------|------------------------------------------------------------------|
| Ambient temperature range - operational | -40...158 °F (-40...70 °C)                                       |
| Ambient air temperature for storage     | -40...185 °F (-40...85 °C)                                       |
| Product certifications                  | UL                                                               |
| Electrical durability                   | 100000 cycles                                                    |
| Mechanical durability                   | 5000000 cycles                                                   |
| Dielectric strength                     | 2000 V AC between coil and contact<br>1000 V AC between contacts |
| Shock resistance                        | 20 gn in operation                                               |
| Vibration resistance                    | 1.5 gn 10...55 Hz)in operation                                   |

## Ordering and shipping details

|      |                |
|------|----------------|
| GTIN | 03606480276170 |
|------|----------------|

Offer Sustainability

|                            |                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>                                                           |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                       |