

# 782XBXM4L-12D

Power relay, SE Relays, 15A, DPDT, 12 VDC, cover with locking push button and LED



## Main

|                     |             |
|---------------------|-------------|
| Product Range       | Legacy      |
| Product Type        | Power relay |
| Switch Function     | DPDT        |
| Contact Composition | 2 NO + 2 NC |

## Complementary

|                            |                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input Current              | 15 A                                                                                                                                                                                                                                                                                                                                                                               |
| Contacts Material          | Silver alloy, gold flashed                                                                                                                                                                                                                                                                                                                                                         |
| Local Signalling           | LED<br>Flag                                                                                                                                                                                                                                                                                                                                                                        |
| Control Type               | Lockable test button                                                                                                                                                                                                                                                                                                                                                               |
| Minimum Switching Current  | 10 mA 17 V                                                                                                                                                                                                                                                                                                                                                                         |
| Coil Resistance            | 160 Ohm                                                                                                                                                                                                                                                                                                                                                                            |
| Input voltage              | 12 V DC                                                                                                                                                                                                                                                                                                                                                                            |
| Drop-out Voltage Threshold | $\geq 0.15 U_c$ AC<br>$\geq 0.1 U_c$ DC                                                                                                                                                                                                                                                                                                                                            |
| Rated Operational Current  | 15 A at 120...277 V AC conforming to UL<br>15 A at 28 V DC conforming to UL<br>15 A at 120/150 V AC conforming to CSA<br>10 A at 151/277 V AC conforming to CSA<br>15 A at 28 V DC conforming to CSA<br>15 A at 250 V AC (NO) conforming to IEC<br>15 A at 28 V DC (NO) conforming to IEC<br>7.55 A at 250 V AC (NC) conforming to IEC<br>7.55 A at 28 V DC (NC) conforming to IEC |
| Power consumption in W     | 1.15 W DC                                                                                                                                                                                                                                                                                                                                                                          |
| Power consumption in VA    | 1.4 VA AC                                                                                                                                                                                                                                                                                                                                                                          |
| Voltage Range              | 0.8...1.1 $U_n$ AC/DC                                                                                                                                                                                                                                                                                                                                                              |
| Maximum Switching Voltage  | 300 V AC UL<br>300 V AC CSA<br>250 V AC IEC                                                                                                                                                                                                                                                                                                                                        |
| Motor Power HP             | 0.5 Hp 120 V AC 50/60 Hz<br>1 hp 277 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                 |
| Connections Terminals      | Faston terminals                                                                                                                                                                                                                                                                                                                                                                   |
| Mounting                   | Socket                                                                                                                                                                                                                                                                                                                                                                             |
| Height                     | 1.54 in (39.1 mm)                                                                                                                                                                                                                                                                                                                                                                  |
| Width                      | 0.83 in (21 mm)                                                                                                                                                                                                                                                                                                                                                                    |
| Depth                      | 1.07 in (27.3 mm)                                                                                                                                                                                                                                                                                                                                                                  |
| Product Weight             | 1.27 oz (36 g)                                                                                                                                                                                                                                                                                                                                                                     |
| Operating Time             | 20 ms operating<br>20 ms tripping                                                                                                                                                                                                                                                                                                                                                  |

## Environment

|                                       |                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------|
| Ambient Air Temperature for Operation | -40...131 °F (-40...55 °C)                                                                  |
| Ambient Air Temperature for Storage   | -40...185 °F (-40...85 °C)                                                                  |
| Product Certifications                | UL<br>CE<br>CSA                                                                             |
| Electrical Durability                 | 100000 cycles resistive                                                                     |
| Mechanical Durability                 | 10000000 cycles                                                                             |
| Dielectric Strength                   | 2000 V AC between coil and contact<br>2000 V AC between poles<br>1500 V AC between contacts |
| Shock Resistance                      | 15 gn in operation                                                                          |
| Vibration Resistance                  | +/- 1 mm 10...35 Hz)<br>3 gn 35...150 Hz)                                                   |

## Ordering and shipping details

|                       |                  |
|-----------------------|------------------|
| GTIN                  | 3606480280344    |
| Nbr. of units in pkg. | 1                |
| Package weight(Lbs)   | 1.27 oz (36.0 g) |

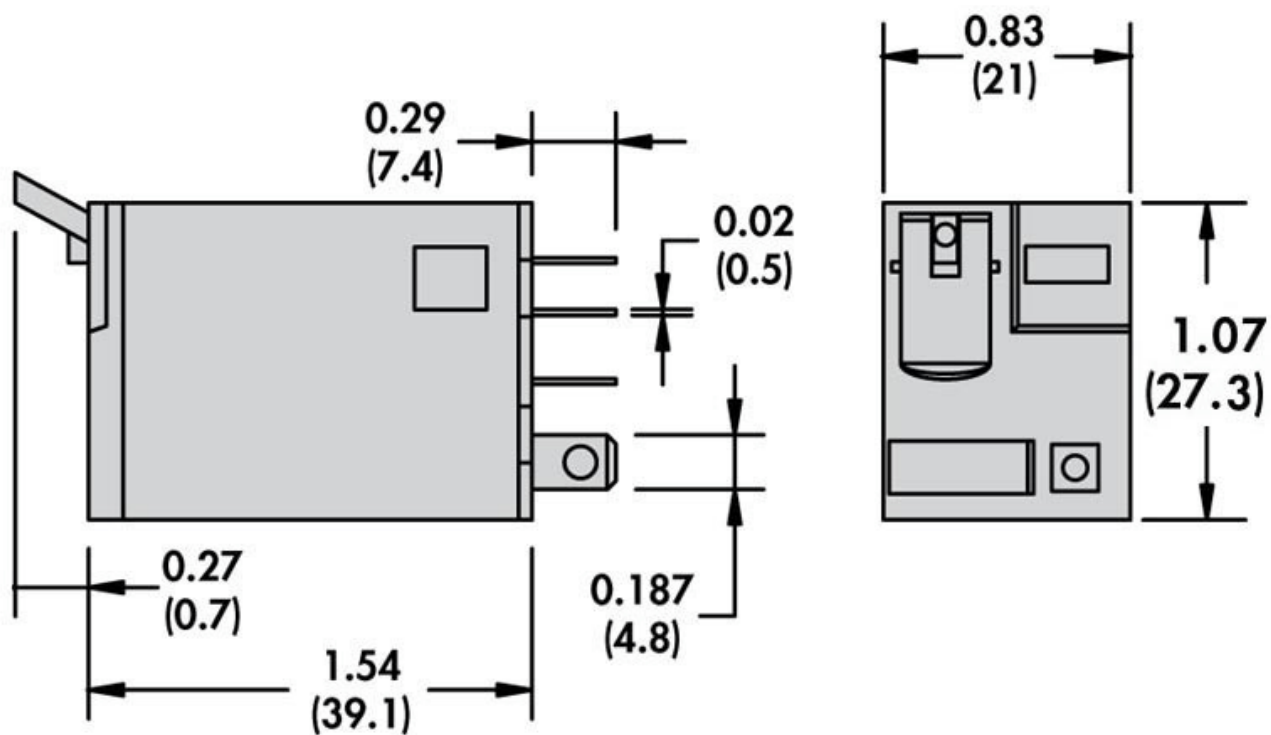
## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Package 1 Height             | 1.07 in (2.73 cm)       |
| Package 1 width              | 0.83 in (2.1 cm)        |
| Package 1 Length             | 1.85 in (4.71 cm)       |
| Unit Type of Package 2       | BB1                     |
| Number of Units in Package 2 | 10                      |
| Package 2 Weight             | 13.19 oz (374.0 g)      |
| Package 2 Height             | 1.26 in (3.2 cm)        |
| Package 2 width              | 4.06 in (10.3 cm)       |
| Package 2 Length             | 4.76 in (12.1 cm)       |
| Unit Type of Package 3       | S02                     |
| Number of Units in Package 3 | 240                     |
| Package 3 Weight             | 22.11 lb(US) (10.03 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.                                                                                                                                                                                                                                           |

Approximate Dimensions



Connections and Wiring Diagrams

