

# 783XCXM4L-12D

Power relay, Legacy, 15A, 3PDT, 12 VDC, cover with locking push button and LED



## Main

|                     |             |
|---------------------|-------------|
| Product range       | Legacy      |
| Product type        | Power relay |
| Switch function     | 3PDT        |
| Contact composition | 3 NO + 3 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                | 80 Ohm                                                                                                                                                                                                            |
| Input voltage                  | 12 V DC                                                                                                                                                                                                           |
| Drop-out voltage threshold     | $\geq 0.15 U_c$ AC<br>$\geq 0.1 U_c$ DC                                                                                                                                                                           |
| [Ie] rated operational current | 15 A 120...277 V AC UL<br>15 A 28 V DC UL<br>15 A 120/150 V AC CSA<br>10 A 151/277 V AC CSA<br>15 A 28 V DC CSA<br>15 A 250 V AC NO)IEC<br>15 A 28 V DC NO)IEC<br>7.55 A 250 V AC NC)IEC<br>7.55 A 28 V DC NC)IEC |
| Average coil consumption in VA | 2.05 AC 60 Hz<br>1.85 DC                                                                                                                                                                                          |
| 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                                                                                                                                                                       |
| Maximum Horse Power Rating     | 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)                                                                                                                                                                                                 |
| Net Weight                     | 2.12 oz (60 g)                                                                                                                                                                                                    |
| Operating time                 | 20 ms operating<br>20 ms not operating                                                                                                                                                                            |

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## Environment

|                                         |                                                                                             |
|-----------------------------------------|---------------------------------------------------------------------------------------------|
| Ambient temperature range - operational | -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 | 03606480281181 |
|------|----------------|

## Offer Sustainability

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                        |
| 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. |