

# Product data sheet

Specifications



Harmony, Power relay,with plug-in socket , 25 A, with LED and flag indicator, with lockable test button, 120 V AC, 2 NO, flat (faston) terminals

725BXXBM4L-120A

## Main

|                              |                                      |
|------------------------------|--------------------------------------|
| Product range                | Harmony Electromechanical Relays     |
| Product type                 | Plug-in relay                        |
| [In] rated line current      | 25 A                                 |
| Contact composition          | 2 NO                                 |
| Contacts material            | Silver alloy contacts                |
| Series name                  | Power                                |
| Local signalling             | LED indicator<br>Flag                |
| Rated power in W             | 1.3 kW 120 V tungsten                |
| Network frequency            | 50/60 Hz                             |
| Rated power in hp            | 1 hp at 120 V AC<br>2 hp at 277 V AC |
| [Uc] control circuit voltage | 120 V                                |

## Complementary

|                                |   |
|--------------------------------|---|
| Class number                   | 725   |
| Control type                   | Lockable test button  |
| Maximum switching voltage      | 240 V conforming to CE<br>277 V conforming to UL  |
| [Ie] rated operational current | 25 A at 277 V AC (on resistive load) conforming to UL<br>25 A at 240 V AC (general purpose) conforming to UL<br>25 A at 30 V DC (on resistive load) conforming to UL<br>25 A at 240 V AC (on resistive load) conforming to IEC<br>25 A at 28 V DC (on resistive load) conforming to IEC |
| Coil resistance                | 5200 Ohm  |
| Connections - terminals        | Quick-connect terminal strips 6.35 x 0.8 mm   |
| Minimum switching current      | 100 mA at 5 V DC  |
| Drop-out voltage threshold     | AC  |
| Nominal input voltage          | 102...132 V AC 50/60 Hz   |
| Average coil consumption       | 2.50 VA   |
| Electrical durability          | 100000 cycles resistive load conforming to IEC  |
| Mechanical durability          | 5000000 cycles  |

|                     |   |
|---------------------|---|
| Response time       | 30 ms   |
| Dielectric strength | 4000 V AC between coil and contact<br>2000 V AC between poles |
| Mounting            | Plug-in   |
| Net weight          | 120 g   |

## Environment

|   |                              |
|---|------------------------------|
| Ambient temperature range - operational | -20...55 °C                  |
| Ambient air temperature for storage     | -55...100 °C                 |
| Product certifications                  | UL<br>CSA<br>CE              |
| Standards                               | IEC 60947-1<br>UL 60947-4-1A |
| IP degree of protection                 | IP40                         |
| Height                                  | 50 mm                        |
| Width                                   | 33.1 mm                      |
| Depth                                   | 53.05 mm                     |

## Packing Units

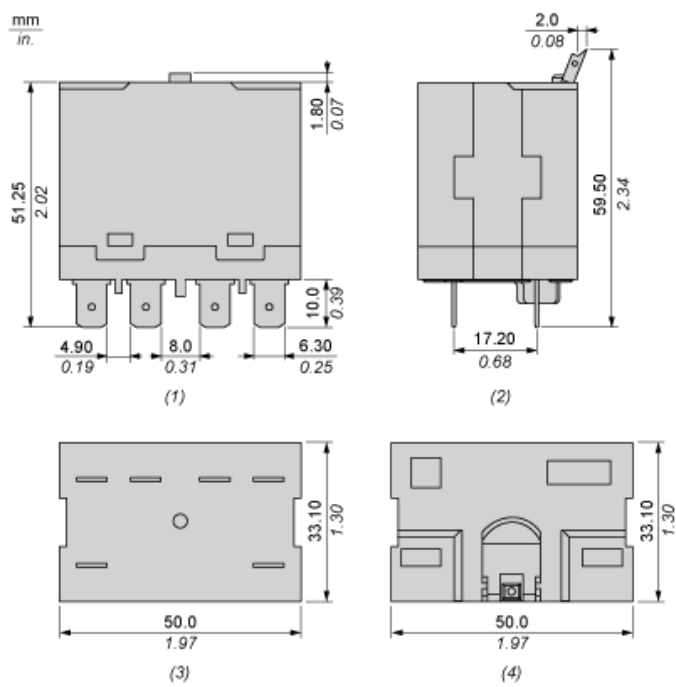
|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 4.94 cm |
| Package 1 Width              | 3.31 cm |
| Package 1 Length             | 6.77 cm |
| Package 1 Weight             | 120.0 g |
| Unit Type of Package 2       | BB1     |
| Number of Units in Package 2 | 10      |
| Package 2 Height             | 7.6 cm  |
| Package 2 Width              | 14.6 cm |
| Package 2 Length             | 31.9 cm |
| Package 2 Weight             | 1.2 kg  |
| Unit Type of Package 3       | CAR     |
| Number of Units in Package 3 | 100     |
| Package 3 Height             | 33.0 cm |
| Package 3 Width              | 31.0 cm |
| Package 3 Length             | 36.0 cm |
| Package 3 Weight             | 12.0 kg |

## Offer Sustainability

|                        |   |
|------------------------|---|
| 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)<br><a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free | Yes   |

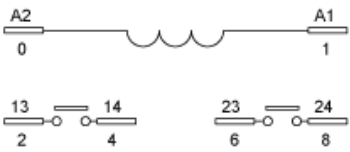
|                            |  |
|----------------------------|--|
| Mercury free               | Yes  |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>   |
| RoHS exemption information | Yes  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins  |
| 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> |

Dimensions



- (1) : Back View
- (2) : Side View
- (3) : Bottom view
- (4) : Top view

Wiring



Recommended replacement(s)