



## Main

|                         |                                  |
|-------------------------|----------------------------------|
| Product range           | Harmony Electromechanical Relays |
| Product type            | DIN rail/panel mount relay       |
| [In] rated line current | 30 A                             |
| Contact composition     | 1 NO                             |
| Contacts material       | Silver alloy contacts            |
| Series name             | Power                            |
| Local signalling        | LED indicator test button        |
| Rated power in W        | 1.5 kW 120 V tungsten            |
| Network frequency       | 50/60 Hz                         |
| Rated power in hp       | 3 hp 277 V AC<br>1.5 hp 120 V AC |

## Complementary

|                                |                                                                                                                                                                                                                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Class number                   | 725                                                                                                                                                                                                                                                                                     |
| Control type                   | Test button                                                                                                                                                                                                                                                                             |
| Maximum switching voltage      | 240 V CE<br>277 V UL                                                                                                                                                                                                                                                                    |
| [Ie] rated operational current | 30 A at 277 V AC (on resistive load) conforming to UL<br>30 A at 240 V AC (general purpose) conforming to UL<br>30 A at 30 V DC (on resistive load) conforming to UL<br>30 A at 240 V AC (on resistive load) conforming to IEC<br>30 A at 28 V DC (on resistive load) conforming to IEC |
| Coil resistance                | 300 Ohm                                                                                                                                                                                                                                                                                 |
| Connections - terminals        | Quick-connect terminal strips 6.35 x 0.8 mm                                                                                                                                                                                                                                             |
| Minimum switching current      | 100 mA 5 V DC                                                                                                                                                                                                                                                                           |
| Drop-out voltage threshold     | DC                                                                                                                                                                                                                                                                                      |
| Nominal input voltage          | 19.2...26.4 V DC                                                                                                                                                                                                                                                                        |
| Average coil consumption       | 1.90 W                                                                                                                                                                                                                                                                                  |
| Electrical durability          | 100000 cycles resistive IEC                                                                                                                                                                                                                                                             |
| Mechanical durability          | 5000000 cycles                                                                                                                                                                                                                                                                          |
| Response time                  | 30 ms                                                                                                                                                                                                                                                                                   |
| Dielectric strength            | 4000 V AC between coil and contact                                                                                                                                                                                                                                                      |

|            |                    |
|------------|--------------------|
| Mounting   | DIN rail<br>Flange |
| Net Weight | 4.23 oz (120 g)    |

## Environment

|                                         |                              |
|-----------------------------------------|------------------------------|
| Ambient temperature range - operational | -4...131 °F (-20...55 °C)    |
| Ambient air temperature for storage     | -67...212 °F (-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                                  | 2.67 in (67.7 mm)            |
| Width                                   | 1.37 in (34.9 mm)            |
| Depth                                   | 1.94 in (49.4 mm)            |

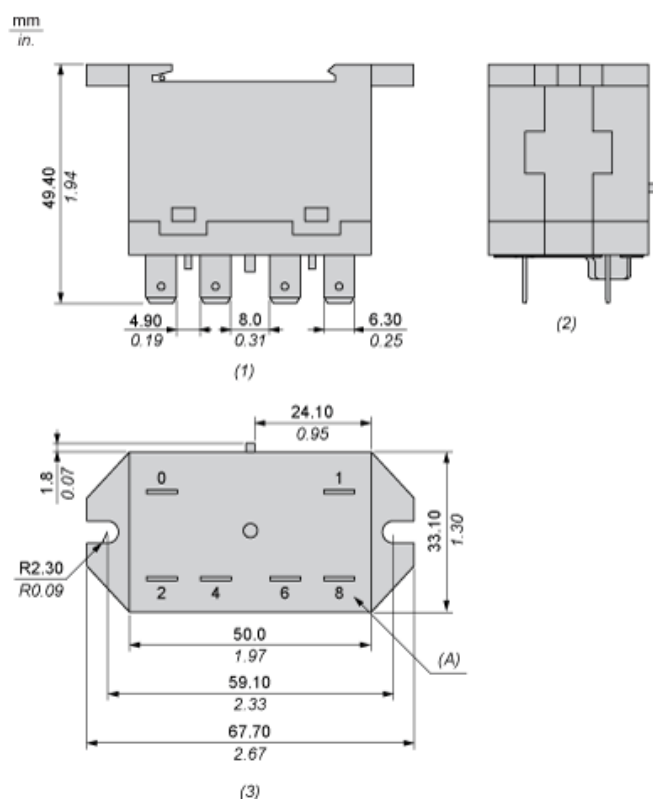
## Ordering and shipping details

|      |                |
|------|----------------|
| GTIN | 03606480278778 |
|------|----------------|

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)<br><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.                                                                                                                                                                                                                                           |

## Dimensions



- (1) : Back View  
(2) : Side View  
(3) : Top View  
(A) : Terminal numbers molded into base

Wiring

