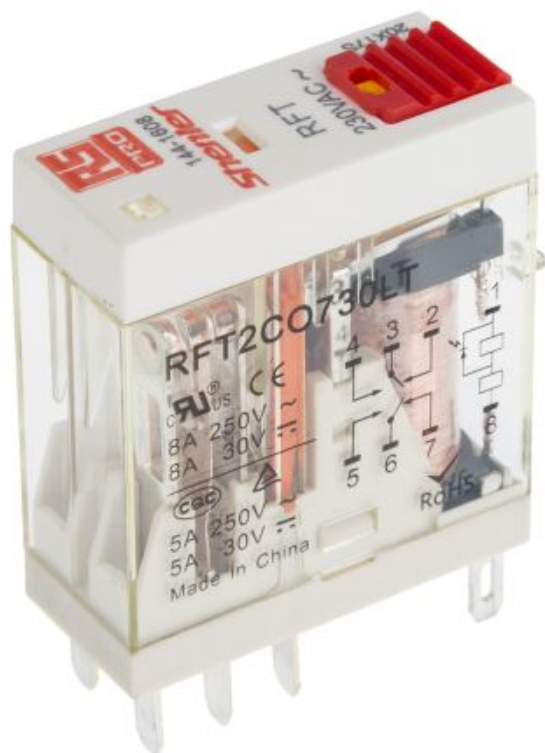


Datasheet


**Stock No: 144-1605 144-1606 144-1607 144-1608**

## RS Pro RFT Interface Relay

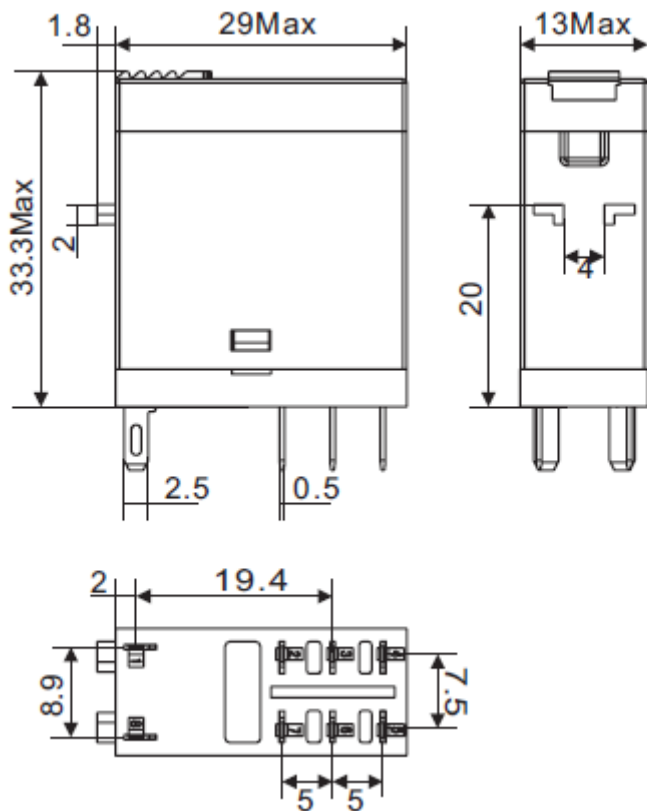


### Specifications:

- 1 pole 12A
- Slim and compact size
- High Capacity and high reliability
- Meets with RoHs requirements
- With Lockable Test Button
- Double side LED integrated in relay
- With inspection window

| RS Stock No                         |                                | 144-1605   | 144-1606             | 144-1607             | 144-1608             |
|-------------------------------------|--------------------------------|--|----------------------|----------------------|----------------------|
| <b>Characteristics</b>              |                                |  |                      |                      |                      |
| Nominal Voltage                     |                                | 12VAC  | 24VAC                | 110VAC               | 230VAC               |
| Options                             |                                | LED + Locking Button   | LED + Locking Button | LED + Locking Button | LED + Locking Button |
| Contact                             | Configuration                  | Double Pole Change Over  |                      |                      |                      |
|                                     | Rated Current                  | 12A/250VAC, 30VDC  |                      |                      |                      |
|                                     | Motor Load                     | 1/3HP, 240VAC  |                      |                      |                      |
|                                     | Switching Capacity (resistive) | 3000VA, 360W   |                      |                      |                      |
|                                     | Initial Contact Resistance     | ≤50mΩ  |                      |                      |                      |
|                                     | Material                       | Ag alloy   |                      |                      |                      |
|                                     | Electrical Durability          | ≥10 <sup>5</sup> times (1800 Ops/h)  |                      |                      |                      |
|                                     | Mechanical Durability          | ≥10 <sup>7</sup> times (18000 Ops/h)   |                      |                      |                      |
| Pick-up Voltage (23°C)              |                                | DC: ≥ 175% (rated voltage)   |                      |                      |                      |
| Drop-out Voltage (23°C)             |                                | DC: ≥ 10% (rated voltage)  |                      |                      |                      |
| Maximum Voltage (23°C)              |                                | 110% rated voltage   |                      |                      |                      |
| Insulation resistance               |                                | ≥1000mΩ (500VDC)   |                      |                      |                      |
| Coil Operating Power                | DC (W)                         | 0.53   |                      |                      |                      |
|                                     | AC (VA)                        | 1  |                      |                      |                      |
| Operating Time (at nominal voltage) |                                | ≤20ms  |                      |                      |                      |
| Release Time (at nominal voltage)   |                                | ≤10ms  |                      |                      |                      |
| Initial Breakdown Voltage           | Between open contacts          | 1000VAC/1min   |                      |                      |                      |
|                                     | Between Poles                  | 1000VAC/1min   |                      |                      |                      |
|                                     | Between contacts and coil      | 5000VAC/1min   |                      |                      |                      |
| Ambient Temperature                 |                                | -40~+55°C  |                      |                      |                      |
| Humidity                            |                                | 35%~85%RH  |                      |                      |                      |
| Air Pressure                        |                                | 86~106KPa  |                      |                      |                      |
| Shock Resistance                    |                                | 10G  |                      |                      |                      |
| Vibration Resistance                |                                | 10~55Hz double-amplitude: 1.0mm  |                      |                      |                      |
| Mounting                            |                                | Plug-in  |                      |                      |                      |
| Unit Weight                         |                                | Approx. 20g  |                      |                      |                      |
| Certification                       |                                |  |                      |                      |                      |

Mounting Dimensions (mm)



Schemes

