

# Product datasheet

Specifications



## iRTC relay- delays de-energizing a load upon opening- 1 O/C - Uc 24-240VAC/24VDC

Local distributor code: 399365414    A9E16067

### Main

|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| Relay application           | Time delay relay                                    |
| Time delay type             | Delays de-energizing of a load upon contact opening |
| Range                       | Acti 9                                              |
| Product name                | IRT                                                 |
| Device short name           | IRTC                                                |
| Signal contacts composition | 1 C/O                                               |

### Complementary

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| [Ie] rated operational current | 8 A at 250 V AC<br>8 A at 250 V DC<br>0.01 A at 5 V DC |
| Impulse duration               | > 100 ms                                               |
| Local signalling               | LED, flashing for time delay                           |
| Type of setting                | Rotary knob: time delay configuration                  |
| Time delay range               | 0.1...360000 s                                         |
| Accuracy error                 | +/- 10 %                                               |
| Repeat accuracy                | +/- 0.5 %                                              |
| [Uc] control circuit voltage   | 24...240 V AC 50/60 Hz<br>24 V DC                      |
| [Us] rated supply voltage      | 24...240 V AC at 50/60 Hz<br>24 V DC                   |
| Mounting mode                  | Fixed                                                  |
| Mounting support               | 35 mm symmetrical DIN rail                             |
| 9 mm pitches                   | 2                                                      |
| Height                         | 93 mm                                                  |
| Width                          | 18 mm                                                  |
| Depth                          | 72 mm                                                  |
| Net weight                     | 0.065 kg                                               |
| Colour                         | White                                                  |
| Mechanical durability          | 5000000 cycles                                         |
| Electrical durability          | AC-1: 100000 cycles                                    |

|                         |                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Undervoltage behaviour  | 100 ms                                                                                                                                                                                                                                                                                       |
| Connections - terminals | Tunnel type terminals for 2 cable(s) 1.5 mm² flexible with cable end<br>Tunnel type terminals for 2 cable(s) 1.5 mm² flexible without cable end<br>Tunnel type terminals for 2 cable(s) 2.5 mm² rigid with cable end<br>Tunnel type terminals for 2 cable(s) 2.5 mm² rigid without cable end |

### Environment

|                                       |             |
|---------------------------------------|-------------|
| IP degree of protection               | IP20        |
| Immunity to microbreaks               | 20 ms       |
| Ambient air temperature for operation | -5...55 °C  |
| Ambient air temperature for storage   | -40...70 °C |

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 74 g    |
| Package 1 Height             | 2 cm    |
| Package 1 width              | 7.8 cm  |
| Package 1 Length             | 9.5 cm  |
| Unit Type of Package 2       | CAR     |
| Number of Units in Package 2 | 1       |
| Package 2 Weight             | 79 g    |
| Package 2 Height             | 2 cm    |
| Package 2 width              | 7.5 cm  |
| Package 2 Length             | 10.2 cm |
| Unit Type of Package 3       | BB1     |
| Number of Units in Package 3 | 12      |
| Package 3 Weight             | 951 g   |
| Package 3 Height             | 8 cm    |
| Package 3 width              | 9.7 cm  |
| Package 3 Length             | 26.5 cm |

### Offer Sustainability

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                             |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                 |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| 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>                                                     |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                           |

### Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|