

# Product datasheet

Specifications



impulse relay iTLI - 2P - 1NO+1NC - 16A - coil 110 VDC - 230...240 VAC 50/60Hz

Local distributor code: 396735665    A9C30815

## Main

|                              |                                     |
|------------------------------|-------------------------------------|
| Range of product             | Acti9                               |
| Product name                 | Acti9 iTL                           |
| Product or component type    | Impulse relay                       |
| Device short name            | ITLi                                |
| Device application           | Changeover relay                    |
| Poles                        | 2P                                  |
| Pole contact composition     | 1 NO + 1 NC                         |
| [In] rated current           | 16 A                                |
| Network type                 | AC                                  |
| [Uc] control circuit voltage | 230...240 V AC 50/60 Hz<br>110 V DC |

## Complementary

|                                |                                                               |
|--------------------------------|---------------------------------------------------------------|
| Network frequency              | 50/60 Hz                                                      |
| [Ue] rated operational voltage | 250 V AC 50/60 Hz                                             |
| Control type                   | Coil deconnection<br>Remote and manual control                |
| Control signal type            | Impulse                                                       |
| Switching frequency            | 5 switching operations/minute<br>100 switching operations/day |
| Impulse duration               | 50 ms...1 s                                                   |
| Remote control type            | Illuminated push-button 3 mA                                  |
| Local signalling               | ON/OFF indication                                             |
| Mounting mode                  | Fixed                                                         |
| Mounting support               | DIN rail                                                      |
| 9 mm pitches                   | 2                                                             |
| Height                         | 84 mm                                                         |
| Width                          | 18 mm                                                         |
| Depth                          | 60 mm                                                         |
| Electrical durability          | AC-21: 200000 cycles<br>AC-22: 100000 cycles                  |

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connections - terminals | Control circuit: tunnel type terminals 1 cable(s) 0.5...4 mm² rigid<br>Control circuit: tunnel type terminals 1 cable(s) 0.5...4 mm² rigid with cable end<br>Control circuit: tunnel type terminals 1 cable(s) 1...4 mm² flexible<br>Control circuit: tunnel type terminals 1 cable(s) 1...4 mm² flexible with ferrule<br>Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm² rigid<br>Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm² rigid with cable end<br>Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm² flexible<br>Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm² flexible with ferrule |
| Wire stripping length   | 11 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tightening torque       | 1 N.m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Range compatibility     | iATeT<br>iATL4<br>iATLc<br>iATLc+s<br>iATLm<br>iATLs<br>iATLz<br>iETL iTL 16<br>iATLc+c<br>iATL24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Environment

|                                       |                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------|
| Standards                             | EN 669-1<br>EN 669-2-2                                                                   |
| Product certifications                | CCC<br>GOST                                                                              |
| Quality labels                        | CEBEC<br>NF<br>IMQ<br>KEMA<br>VDE                                                        |
| Noise level                           | 60 dB                                                                                    |
| IP degree of protection               | IP20 conforming to IEC 60529 (on opening)<br>IP40 conforming to IEC 60529 (in enclosure) |
| Pollution degree                      | 3                                                                                        |
| Tropicalisation                       | 2                                                                                        |
| Relative humidity                     | 95 % at 55 °C                                                                            |
| Ambient air temperature for operation | -20...50 °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             | 112.0 g  |
| Package 1 Height             | 7.5 cm   |
| Package 1 width              | 1.7 cm   |
| Package 1 Length             | 8.5 cm   |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 12       |
| Package 2 Weight             | 1.399 kg |
| Package 2 Height             | 8 cm     |
| Package 2 width              | 9.1 cm   |
| Package 2 Length             | 23 cm    |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 144      |

|                  |           |
|------------------|-----------|
| Package 3 Weight | 16.671 kg |
| Package 3 Height | 30 cm     |
| Package 3 width  | 30 cm     |
| Package 3 Length | 40 cm     |

Offer Sustainability

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                       |
| REACH Regulation            | <a href="#">REACH Declaration</a>                                                                                           |
| EU RoHS Directive           | Compliant<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><br>Product out of China RoHS scope. Substance declaration for your information       |
| 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 |
| Halogen content performance | Halogen free plastic parts product                                                                                          |

Contractual warranty

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