



## Main

|                              |                              |
|------------------------------|------------------------------|
| Range of product             | Acti 9                       |
| Product name                 | Acti 9 iTL                   |
| Product or component type    | Impulse relay                |
| Device short name            | ITL                          |
| Device application           | Standard                     |
| Poles                        | 2P                           |
| Pole contact composition     | 2 NO                         |
| [In] rated current           | 16 A                         |
| Network type                 | AC                           |
| [Uc] control circuit voltage | 130 V AC 50/60 Hz<br>48 V DC |

## Complementary

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency              | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| [Ue] rated operational voltage | 250 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Control type                   | Remote and manual control<br>Coil deconnection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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 mm <sup>2</sup> rigid<br>Control circuit: tunnel type terminals 1 cable(s) 0.5...4 mm <sup>2</sup> rigid with cable end<br>Control circuit: tunnel type terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible<br>Control circuit: tunnel type terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible with ferrule<br>Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm <sup>2</sup> rigid<br>Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm <sup>2</sup> rigid with cable end<br>Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm <sup>2</sup> flexible<br>Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm <sup>2</sup> flexible with ferrule |
| Wire stripping length          | 11 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tightening torque              | 1 N.m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Range compatibility            | IATet<br>IATLc<br>IATLc+S<br>IATLm<br>IATLs<br>IETL iTL 16<br>iATLc+c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Environment

|                                       |                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------|
| Standards                             | EN 669-1<br>EN 669-2-2                                                                   |
| Product certifications                | GOST                                                                                     |
| Quality labels                        | NF<br>VDE<br>CEBEC<br>KEMA<br>IMQ                                                        |
| 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 g     |
| Package 1 Height             | 1.8 cm    |
| Package 1 width              | 7 cm      |
| Package 1 Length             | 8.5 cm    |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 12        |
| Package 2 Weight             | 1.396 kg  |
| Package 2 Height             | 9 cm      |
| Package 2 width              | 8 cm      |
| Package 2 Length             | 23 cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 144       |
| Package 3 Weight             | 17.239 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  <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> |
| 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 |
|----------|-----------|