

# Product data sheet

Specifications



impulse relay, Acti9 TL40, 2P, 1NO,  
16 A, 230 V AC, 50 Hz

A9C15509

## Main

|                              |                |
|------------------------------|----------------|
| Range of product             | Acti9          |
| Product name                 | Acti9 TL40     |
| Product or component type    | Impulse relay  |
| Device short name            | TL40           |
| Device application           | Standard       |
| Poles                        | 2P             |
| Pole contact composition     | 2 NO           |
| [In] rated current           | 16 A           |
| Network type                 | AC             |
| [Uc] control circuit voltage | 230 V AC 50 Hz |

## Complementary

|  |                               |
|--|-------------------------------|
| Network frequency                      | 50 Hz                         |
| [Ue] rated operational voltage         | 250 V AC 50 Hz                |
| [Ui] rated insulation voltage          | 500 V AC                      |
| [Uimp] rated impulse withstand voltage | 2.5 kV                        |
| Control type                           | Remote and manual control     |
| Control signal type                    | Impulse                       |
| Switching frequency                    | 5 switching operations/minute |
| Impulse duration                       | 50 ms                         |
| Remote control type                    | Illuminated push-button 3 mA  |
| Local signalling                       | ON/OFF indication             |
| Hold-in power consumption in VA        | 19 VA                         |
| Mounting mode                          | Fixed                         |
| Mounting support                       | DIN rail                      |
| 9 mm pitches                           | 2                             |
| Height                                 | 87 mm                         |
| Width                                  | 18 mm                         |

|                                |  |
|--------------------------------|--|
| <b>Depth</b>                   | 69 mm  |
| <b>Net weight</b>              | 105 g  |
| <b>Electrical durability</b>   | AC-22: 200000 cycles   |
| <b>Connections - terminals</b> | Power circuit: tunnel type terminals 1 cable(s) 1...4 mm <sup>2</sup> rigid<br>Power circuit: tunnel type terminals 2 cable(s) 1...2.5 mm <sup>2</sup> rigid<br>Power circuit: tunnel type terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible<br>Power circuit: tunnel type terminals 2 cable(s) 1...2.5 mm <sup>2</sup> flexible<br>Control circuit: tunnel type terminals 1 cable(s) 0.5...1.5 mm <sup>2</sup> rigid<br>Control circuit: tunnel type terminals 1 cable(s) 0.5...1.5 mm <sup>2</sup> flexible<br>Power circuit: tunnel type terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible with ferrule<br>Power circuit: tunnel type terminals 2 cable(s) 1...2.5 mm <sup>2</sup> flexible with ferrule<br>Control circuit: tunnel type terminals 1 cable(s) 0.5...1.5 mm <sup>2</sup> flexible with ferrule |
| <b>Wire stripping length</b>   | 9 mm   |
| <b>Tightening torque</b>       | 1 N.m  |
| <b>Product compatibility</b>   | No auxiliary   |

## Environment

|  |  |
|--|--|
| <b>Standards</b>                             | IEC 60669-1<br>IEC 60669-2-2   |
| <b>Quality labels</b>                        | NF   |
| <b>Noise level</b>                           | 60 dB  |
| <b>IP degree of protection</b>               | IP20 conforming to IEC 60529 (on opening)<br>IP40 conforming to IEC 60529 (in enclosure) |
| <b>Pollution degree</b>                      | 3  |
| <b>Relative humidity</b>                     | 95 % at 55 °C  |
| <b>Ambient air temperature for operation</b> | -20...50 °C  |
| <b>Ambient air temperature for storage</b>   | -40...80 °C  |

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type of Package 1</b>       | PCE      |
| <b>Number of Units in Package 1</b> | 1        |
| <b>Package 1 Height</b>             | 3.5 cm   |
| <b>Package 1 Width</b>              | 7.2 cm   |
| <b>Package 1 Length</b>             | 9.5 cm   |
| <b>Package 1 Weight</b>             | 123 g    |
| <b>Unit Type of Package 2</b>       | BB1      |
| <b>Number of Units in Package 2</b> | 6        |
| <b>Package 2 Height</b>             | 8 cm     |
| <b>Package 2 Width</b>              | 10 cm    |
| <b>Package 2 Length</b>             | 23.3 cm  |
| <b>Package 2 Weight</b>             | 795 g    |
| <b>Unit Type of Package 3</b>       | S03      |
| <b>Number of Units in Package 3</b> | 54       |
| <b>Package 3 Height</b>             | 30 cm    |
| <b>Package 3 Width</b>              | 30 cm    |
| <b>Package 3 Length</b>             | 40 cm    |
| <b>Package 3 Weight</b>             | 7.656 kg |

## Offer Sustainability

|                                    |   |
|------------------------------------|---|
| <b>Sustainable offer status</b>    | Green Premium product   |
| <b>REACH Regulation</b>            | <a href="#">REACH Declaration</a>   |
| <b>EU RoHS Directive</b>           | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| <b>Mercury free</b>                | Yes   |
| <b>China RoHS Regulation</b>       | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| <b>RoHS exemption information</b>  | Yes   |
| <b>Environmental Disclosure</b>    | <a href="#">Product Environmental Profile</a>   |
| <b>WEEE</b>                        | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| <b>Halogen content performance</b> | Halogen free plastic parts product  |

## Recommended replacement(s)