

# Product datasheet

Specifications



impulse relay iTL - 1P - 1NO - 16A  
- coil 110 VDC - 230...240 VAC  
50/60Hz

A9C30811

## Main

|                              |                                     |
|------------------------------|-------------------------------------|
| Range Of Product             | Acti9                               |
| Product Name                 | Acti9 iTL                           |
| Product Or Component Type    | Impulse relay                       |
| Device Short Name            | iTL                                 |
| Device Application           | Standard                            |
| Poles                        | 1P                                  |
| Pole Contact Composition     | 1 NO                                |
| [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                   | Remote and manual control<br>Coil disconnection               |
| Control Signal Type            | Impulse   |
| Switching Frequency            | 100 switching operations/day<br>5 switching operations/minute |
| 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                  |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                |  |
|--------------------------------|--|
| <b>Connections - Terminals</b> | 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 |
| <b>Wire Stripping Length</b>   | 11 mm  |
| <b>Tightening Torque</b>       | 1 N.m  |
| <b>Range Compatibility</b>     | Acti 9 iATEt<br>Acti 9 iATL4<br>Acti 9 iATLc<br>Acti 9 iATLc+s<br>Acti 9 iATLm<br>Acti 9 iATLs<br>Acti 9 iATLz<br>Acti 9 iETL iTL 16<br>Acti 9 iATLc+c<br>Acti 9 iATL24  |

## Environment

|  |  |
|--|--|
| <b>Standards</b>                             | EN 669-2-2<br>EN 669-1   |
| <b>Product Certifications</b>                | GOST   |
| <b>Quality Labels</b>                        | NF<br>VDE<br>IMQ<br>CEBEC<br>KEMA  |
| <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>Tropicalisation</b>                       | 2  |
| <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...70 °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>             | 7.500 cm  |
| <b>Package 1 Width</b>              | 17.000 cm |
| <b>Package 1 Length</b>             | 8.500 cm  |
| <b>Package 1 Weight</b>             | 103.000 g |
| <b>Unit Type Of Package 2</b>       | BB1       |
| <b>Number Of Units In Package 2</b> | 12        |
| <b>Package 2 Height</b>             | 2.880 cm  |
| <b>Package 2 Width</b>              | 30.000 cm |
| <b>Package 2 Length</b>             | 20.000 cm |
| <b>Package 2 Weight</b>             | 1.288 kg  |

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type Of Package 3</b>       | S03       |
| <b>Number Of Units In Package 3</b> | 144       |
| <b>Package 3 Height</b>             | 30.000 cm |
| <b>Package 3 Width</b>              | 30.000 cm |
| <b>Package 3 Length</b>             | 40.000 cm |
| <b>Package 3 Weight</b>             | 16.015 kg |

## **Contractual warranty**

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

Halogen Free Plastic Parts Product

## Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant with Exemptions

China Rohs Regulation

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure

[Product Environmental Profile](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile

No need of specific recycling operations