# Product datasheet

Specifications

## impulse relay iTL - 1P - 1NO - 16A - coil 130 VAC 50/60Hz- 48 VDC

A9C30311

## 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** | 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 |

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

| | |
|---|---|
| **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** | Acti 9 iATEt<br>Acti 9 iATLc<br>Acti 9 iATLc+s<br>Acti 9 iATLm<br>Acti 9 iATLs<br>Acti 9 iETL iTL 16<br>Acti 9 iATLc+c |

# Environment

| | |
|---|---|
| **Standards** | EN 669-1<br>EN 669-2-2 |
| **Product Certifications** | GOST |
| **Quality Labels** | KEMA<br>VDE<br>IMQ<br>CEBEC<br>NF |
| **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 Height** | 1.8 cm |
| **Package 1 Width** | 7.0 cm |
| **Package 1 Length** | 8.5 cm |
| **Package 1 Weight** | 105.0 g |
| **Unit Type Of Package 2** | BB1 |
| **Number Of Units In Package 2** | 12 |
| **Package 2 Height** | 9.0 cm |
| **Package 2 Width** | 8.0 cm |
| **Package 2 Length** | 23.0 cm |
| **Package 2 Weight** | 1.313 kg |
| **Unit Type Of Package 3** | S03 |

| | |
|---|---|
| **Number Of Units In Package 3** | 144 |
| **Package 3 Height** | 30.0 cm |
| **Package 3 Width** | 30.0 cm |
| **Package 3 Length** | 40.0 cm |
| **Package 3 Weight** | 15.986 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 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-$CO_2$ products.

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

Learn more about Green Premium >

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

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|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>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 |