

# Product Datasheet

## Characteristic

A9C30811

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



## Main

|                              |                                     |
|------------------------------|-------------------------------------|
| Range                        | Acti9                               |
| Product name                 | Acti9 iTL                           |
| product or component type    | Impulse relay                       |
| Device short name            | iTL                                 |
| Device application           | Standard                            |
| poles description            | 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                                                                                                                                                                                      |
| 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 |

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | 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   | 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

|                                       |                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------|
| Standards                             | EN 669-2-2<br>EN 669-1                                                                   |
| Product certifications                | GOST                                                                                     |
| Quality labels                        | NF<br>VDE<br>IMQ<br>CEBEC<br>KEMA                                                        |
| 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             | 7.500 cm  |
| Package 1 Width              | 17.000 cm |
| Package 1 Length             | 8.500 cm  |
| Package 1 Weight             | 103.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 12        |
| Package 2 Height             | 2.880 cm  |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 20.000 cm |
| Package 2 Weight             | 1.288 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 144       |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 16.015 kg |

## Offer Sustainability

|                          |                       |
|--------------------------|-----------------------|
| Sustainable offer status | Green Premium product |
|--------------------------|-----------------------|

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation            | Reference contains Substances of Very High Concern above the threshold                                                      |
| EU RoHS Directive           | Compliant with Exemptions                                                                                                   |
| Mercury free                | Yes                                                                                                                         |
| China RoHS Regulation       | Product out of China RoHS scope. Substance declaration for your information                                                 |
| RoHS exemption information  | Yes                                                                                                                         |
| Environmental Disclosure    | ENVPEP2311015EN                                                                                                             |
| Circularity Profile         | N/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                                                                                          |