Product data sheet

Characteristics

A9C32111
impulse relay iTLs - 1P - 1NO - 16A - coil 12 VDC
- 24 VAC 50/60Hz

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**Main**

- **Range of product**: Acti 9
- **Product name**: Acti 9 iTL
- **Product or component type**: Impulse relay
- **Device short name**: iTLs
- **Device application**: Remote indication
- **Poles**: 1P
- **Pole contact composition**: 1 NO
- **Auxiliary contact composition**: 1 C/O
- **[In] rated current**: 16 A
- **Network type**: AC
- **[Uc] control circuit voltage**: 24 V AC 50/60 Hz
  - 12 V DC

**Complementary**

- **Network frequency**: 50/60 Hz
- **[Ue] rated operational voltage**: 250 V AC 50/60 Hz
- **Control type**: Remote and manual control
  - Coil deconnection
- **Control signal type**: Impulse
- **Switching frequency**: 100 switching operations/day
  - 5 switching operations/minute
- **Impulse duration**: 50 ms...1 s
- **Remote control type**: Illuminated push-button 3 mA
- **Local signalling**: ON/OFF indication
- **Signalling circuit voltage**: AC: 24...240 V
  - DC: 24...240 V
- **Signalling output current**: 0.01...6 A
- **Mounting mode**: Fixed

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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.

Jun 20, 2020
### Mounting support
- DIN rail

### 9 mm pitches
- 2

### Height
- 84 mm

### Width
- 18 mm

### Depth
- 60 mm

### Electrical durability
- AC-21: 200000 cycles
- AC-22: 100000 cycles

### Connections - terminals
- Control circuit: tunnel type terminals 1 cable(s) 0.5…4 mm² rigid
- Control circuit: tunnel type terminals 1 cable(s) 0.5…4 mm² rigid with cable end
- Control circuit: tunnel type terminals 1 cable(s) 1…4 mm² flexible
- Control circuit: tunnel type terminals 1 cable(s) 1…4 mm² flexible with ferrule
- Power circuit: tunnel type terminals 1 cable(s) 1.5…4 mm² rigid
- Power circuit: tunnel type terminals 1 cable(s) 1.5…4 mm² rigid with cable end
- Power circuit: tunnel type terminals 1 cable(s) 1.5…4 mm² flexible
- 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
- iATEt
- iATLc
- iATLc+s
- iATLm
- iATLs
- iETL iTL 16
- iATLc+c

### Environment

#### Standards
- EN 669-2-2
- EN 669-1

#### Product certifications
- CCC
- GOST

#### Quality labels
- CEBEC
- IMQ
- NF
- KEMA
- VDE

#### Noise level
- 60 dB

#### IP degree of protection
- IP20 conforming to IEC 60529 (on opening)
- 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
- 114 g

#### Package 1 Height
- 1.8 cm

#### Package 1 width
- 7.5 cm

#### Package 1 Length
- 9.5 cm

#### Unit Type of Package 2
- BB1

#### Number of Units in Package 2
- 12

#### Package 2 Weight
- 1.432 kg

#### Package 2 Height
- 10 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 | 17.671 kg
Package 3 Height | 30 cm
Package 3 width | 30 cm
Package 3 Length | 40 cm

**Offer Sustainability**

<table>
<thead>
<tr>
<th>Sustainable offer status</th>
<th>Green Premium product</th>
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<tr>
<td>REACH free of SVHC</td>
<td>Yes</td>
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<tr>
<td>EU RoHS Directive</td>
<td>Compliant</td>
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<td>EU RoHS Declaration</td>
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<tr>
<td>Mercury free</td>
<td>Yes</td>
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<td>RoHS exemption information</td>
<td>Yes</td>
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<tr>
<td>China RoHS Regulation</td>
<td>China RoHS declaration</td>
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<tr>
<td>Product out of China RoHS scope. Substance declaration for your information</td>
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**Contractual warranty**

| Warranty | 18 months |