# Product data sheet
## Characteristics

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




## Main

| | |
|---|---|
| Range | Acti9 |
| Product name | Acti9 iTL |
| Product or component type | Impulse relay |
| Device short name | iTLs |
| Device application | Remote indication |
| Poles description | 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<br>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<br>Coil deconnection |
| 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 |
| Signalling circuit voltage | AC: 24...240 V<br>DC: 24...240 V |
| Signalling output current | 0.01...6 A |
| 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<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 | Acti9 iATEt[RETURN]Acti9 iATLc[RETURN]Acti9 iATLc+s[RETURN]Acti9 iATLm[RETURN]Acti9 iA |

## Environment

| | |
|---|---|
| Standards | EN 669-2-2<br>EN 669-1 |
| Product certifications | CCC[RETURN]GOST |
| Quality labels | CEBEC<br>IMQ<br>NF<br>KEMA<br>VDE |
| 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 | 1.800 Cm |
| Package 1 Length | 9.500 Cm |
| Package 1 Weight | 114.000 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 8.000 Cm |
| Package 2 Width | 9.500 Cm |
| Package 2 Length | 23.000 Cm |
| Package 2 Weight | 1.423 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 | 17.671 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 62 |
| Total lifecycle Carbon footprint | 6 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.6363563 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.6 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.015688942 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.005862957 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |

| | |
|---|---|
| Carbon footprint of the use phase [B2, B3, B4, B6] | 5.3857 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 5 kg CO2 eq. |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | No |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.302529943 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.3 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 6 |
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | Yes |
| SCIP Number | 6763a476-30bc-4d05-a4bb-93f8d65c3771 |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| OECD PFAS Regulation | Item contains PFAS Chemicals |
| POP Directive | No POPs |
| Halogen-free status | Halogen free plastic parts product |
| PVC free | Yes |
| Silicone-free | No |
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection a |

## Contractual warranty

| | |
|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised