

# Product data sheet

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 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 Coil disconnection
Control signal type	Impulse
Switching frequency	5 switching operations/minute 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 AC-22: 100000 cycles

<b>Connections - terminals</b>	Control circuit: tunnel type terminals 1 cable(s) 0.5...4 mm <sup>2</sup> rigid Control circuit: tunnel type terminals 1 cable(s) 0.5...4 mm <sup>2</sup> rigid with cable end Control circuit: tunnel type terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible Control circuit: tunnel type terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible with ferrule Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm <sup>2</sup> rigid Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm <sup>2</sup> rigid with cable end Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm <sup>2</sup> flexible 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 Acti 9 iATLc Acti 9 iATLc+s Acti 9 iATLm Acti 9 iATLs Acti 9 iETL iTL 16 Acti 9 iATLc+c

## Environment

<b>Standards</b>	EN 669-1 EN 669-2-2
<b>Product certifications</b>	GOST
<b>Quality labels</b>	KEMA VDE IMQ CEBEC NF
<b>Noise level</b>	60 dB
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 (on opening) 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>	1.8 cm
<b>Package 1 Width</b>	7.0 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	105.0 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	12
<b>Package 2 Height</b>	9.0 cm
<b>Package 2 Width</b>	8.0 cm
<b>Package 2 Length</b>	23.0 cm
<b>Package 2 Weight</b>	1.313 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	144
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 Width</b>	30.0 cm

Package 3 Length	40.0 cm
Package 3 Weight	15.986 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</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

## Contractual warranty

Warranty	18 months
----------	-----------

## Recommended replacement(s)