Product datasheet

Specifications

impulse relay iTLI - 2P - 1NO+1NC - 16A - coil 12 VDC - 24 VAC 50/60Hz

A9C30115

Main

range of product	Acti9
product name	Acti9 iTL
Product or component type	Impulse relay
Device short name	iTLi
Device application	Changeover relay
Poles	2P
Pole contact composition	1 NO + 1 NC
[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	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

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 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	Acti9 iATEt Acti9 iATLc Acti9 iATLc+s Acti9 iATLm Acti9 iATLs Acti9 iETL iTL 16 Acti9 iATLc+c

Environment

Standards	EN 669-2-2 EN 669-1
Product certifications	GOST CCC
Quality labels	CEBEC NF IMQ VDE KEMA
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 Height	7.5 cm
Package 1 Width	1.7 cm
Package 1 Length	8.5 cm
Package 1 Weight	112 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8 cm
Package 2 Width	9.1 cm
Package 2 Length	23 cm
Package 2 Weight	1.398 kg
Unit Type of Package 3	S03

Number of Units in Package 3	144
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	17.563 kg

Contractual warranty

Warranty	12 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	6
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
SCIP Number	6763a476-30bc-4d05-a4bb-93f8d65c3771
REACh Regulation	REACh Declaration
Silicon free	No

Use Again

Repack and remanufacture

Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product data sheet
Characteristics

A9C30815
impulse relay iTLI - 2P - 1NO+1NC - 16A - coil 110 VDC - 230...240 VAC 50/60Hz

Main

Range of product	Acti9
Product name	Acti9 iTL
Product or component type	Impulse relay
Device short name	ITLi
Device application	Changeover relay
Poles	2P
Pole contact composition	1 NO + 1 NC
[In] rated current	16 A
Network type	AC
[Uc] control circuit voltage	230...240 V AC 50/60 Hz 110 V DC

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	250 V AC 50/60 Hz
Control type	Coil deconnection Remote and manual control
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
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Tightening torque	1 N.m
Range compatibility	IATEt IATL4 IATLc IATLc+S IATLm IATLs IATLz IETL iTL 16 IATLc+C iATL24

Environment

Standards	EN 669-1 EN 669-2-2
Product certifications	CCC GOST
Quality labels	CEBEC NF IMQ 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	111 g
Package 1 Height	1.7 cm
Package 1 width	7.5 cm
Package 1 Length	8.5 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	1.399 kg
Package 2 Height	8 cm
Package 2 width	9.1 cm
Package 2 Length	23 cm
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Weight	17.501 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration

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
Halogen content performance	Halogen free plastic parts product

Contractual warranty

Warranty	12 months