

Product data sheet

Characteristics

A9C30811

impulse relay iTL - 1P - 1NO - 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	iTL
Device application	Standard
Poles	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 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 Coil disconnection
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
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 mm ² rigid Control circuit: tunnel type terminals 1 cable(s) 0.5...4 mm ² rigid with cable end Control circuit: tunnel type terminals 1 cable(s) 1...4 mm ² flexible Control circuit: tunnel type terminals 1 cable(s) 1...4 mm ² flexible with ferrule Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm ² rigid Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm ² rigid with cable end Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm ² flexible Power circuit: tunnel type terminals 1 cable(s) 1.5...4 mm ² flexible with ferrule
Wire stripping length	11 mm

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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 669-2-2 EN 669-1
Product certifications	GOST
Quality labels	NF VDE IMQ CEBEC 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 Weight	103.0 g
Package 1 Height	7.5 cm
Package 1 width	17.0 cm
Package 1 Length	8.5 cm
Unit Type of Package 2	P12
Number of Units in Package 2	1152
Package 2 Weight	139.544 kg
Package 2 Height	50.0 cm
Package 2 width	80.0 cm
Package 2 Length	120.0 cm
Unit Type of Package 3	BB1
Number of Units in Package 3	12
Package 3 Weight	1.288 kg
Package 3 Height	2.88 cm
Package 3 width	30.0 cm
Package 3 Length	20.0 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	18 months
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