

## Product data sheet

### Characteristics

# A9C30831

Acti9, Impulse relay iTL - 1P - 1NO - 32A - 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	32 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	100 switching operations/day 5 switching operations/minute
Impulse duration	50 ms...1 s
Remote control type	Illuminated push-button
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: 50000 cycles AC-22: 20000 cycles
Connections - terminals	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 Control circuit: tunnel type terminals 1 cable(s) 1.5...10 mm <sup>2</sup> rigid Control circuit: tunnel type terminals 1 cable(s) 1.5...10 mm <sup>2</sup> rigid with cable end Control circuit: tunnel type terminals 1 cable(s) 1.5...10 mm <sup>2</sup> flexible Control circuit: tunnel type terminals 1 cable(s) 1.5...10 mm <sup>2</sup> flexible with ferrule
Wire stripping length	11 mm
Tightening torque	1.2 N.m
Range compatibility	Acti 9 iATE[RETURN]Acti 9 iATL4[RETURN]Acti 9 iATLc[RETURN]Acti 9 iATLc+s[RETURN]Acti 9 iATLm[RETURN]Acti 9 iATLs[RETURN]Acti 9 iATLz[RETURN]Acti 9 iATLc+c[RETURN]Acti 9 iATL24[RETURN]Acti 9 iETL iTL 32

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## Environment

Standards	EN 669-1 EN 669-2-2
Product certifications	GOST
Quality labels	VDE IMQ KEMA NF CEBEC
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	2 cm
Package 1 Width	7 cm
Package 1 Length	8.5 cm
Package 1 Weight	110.8 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8 cm
Package 2 Width	9.3 cm
Package 2 Length	23 cm
Package 2 Weight	1.379 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	16.882 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
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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