

## Product data sheet

### Characteristics

# A9E16068

Acti9, IRTH relay-applies a time delay to de-energizing a load-1C/O- U<sub>c</sub> 24-240VAC/24VDC



### Main

Relay application	Time delay relay
Time delay type	Delays de-energizing of a load
Range	Acti9
Product name	IRT
Device short name	iRTH
Signal contacts composition	1 C/O

### Complementary

[I <sub>e</sub> ] rated operational current	8 A at 250 V AC 8 A at 250 V DC 0.01 A at 5 V DC
Impulse duration	> 100 ms
Local signalling	LED, flashing for time delay
Type of setting	Rotary knob: time delay configuration
Time delay range	0.1...360000 s
Accuracy error	+/- 10 %
Repeat accuracy	+/- 0.5 %
[U <sub>c</sub> ] control circuit voltage	24...240 V AC 50/60 Hz 24 V DC
[U <sub>s</sub> ] rated supply voltage	24...240 V AC at 50/60 Hz 24 V DC
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	72 mm
Net weight	0.065 kg
Colour	White
Mechanical durability	5000000 cycles
Electrical durability	AC-1: 100000 cycles
Undervoltage behaviour	100 ms
Connections - terminals	Tunnel type terminals for 2 cable(s) 1.5 mm <sup>2</sup> flexible with cable end Tunnel type terminals for 2 cable(s) 1.5 mm <sup>2</sup> flexible without cable end Tunnel type terminals for 2 cable(s) 2.5 mm <sup>2</sup> rigid with cable end Tunnel type terminals for 2 cable(s) 2.5 mm <sup>2</sup> rigid without cable end

### Environment

IP degree of protection	IP20
Immunity to microbreaks	20 ms
Ambient air temperature for operation	-5...55 °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	7.4 cm
Package 1 Length	10.2 cm
Package 1 Weight	80 g
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.639 kg

## Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
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	<a href="#">End Of Life Information</a>

## Contractual warranty

Warranty	18 months
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