

## Product data sheet

### Characteristics

# A9E16070

iRTMF multifunction time delay relay - 1 OC -  
12-240 VAC/DC



### Main

Relay application	Time delay relay
Time delay type	Multifunction
Range	Acti 9
Product name	IRT
Device short name	IRTMF
Signal contacts composition	1 C/O

### Complementary

[Ie] 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	A B C or H: 4 time delay types selection Rotary knob: time delay configuration
Time delay range	0.1...360000 s
Accuracy error	+/- 10 %
Repeat accuracy	+/- 0.5 %
[Uc] control circuit voltage	12...240 V AC 50/60 Hz 12...240 V DC
[Us] rated supply voltage	12...240 V AC at 50/60 Hz 12...240 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

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## 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

Package 1 Weight	0.081 kg
Package 1 Height	0.220 dm
Package 1 width	0.740 dm
Package 1 Length	1.020 dm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</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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