

Product datasheet

Specifications



current control relay iRCI - 8 A - 230 V 50/60Hz - 1 OC

A9E21181

Main

range of product	Acti9
Product name	Acti9 iRC
Product or component type	Control relay
Device short name	iRCI
Device application	Current control relay
Signal contacts composition	1 C/O

Complementary

[Ie] rated operational current	8 A at 250 V AC (cos Phi = 1)
Local signalling	Reports when the preset threshold is reached Red LED for fault Green LED for power on
Type of setting	Selected by wiring: measurement range Switch: overcurrent Switch: undercurrent
Tripping threshold	10...100 %
Analogue input range	1...10 A DC 0.15...1.5 A DC 1...10 A AC 0.15...1.5 A AC
Hysteresis	5...50 %
Time delay range	0.1...10 s
Accuracy error	+/- 10 %
[Us] rated supply voltage	230 V AC at 50/60 Hz
Power consumption in VA	3 VA
Power dissipation in W	2 W
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	4
Height	88.1 mm
Width	36 mm
Depth	67 mm
Net weight	215 g
Colour	White
Connections - terminals	Tunnel type terminals6 cable(s) 1.5 mm² rigid

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

Environment

IP degree of protection	IP20
Ambient air temperature for operation	-5...55 °C
Ambient air temperature for storage	-40...80 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.200 cm
Package 1 Width	8.000 cm
Package 1 Length	9.200 cm
Package 1 Weight	243.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	36
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.959 kg

Contractual warranty

Warranty (in months)	18
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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 >](#)

Use Better

Materials and Packaging	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	429095ee-388a-4184-bea4-16f87e374975
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins