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

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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	4.2 cm
Package 1 Width	8.0 cm
Package 1 Length	9.2 cm
Package 1 Weight	243.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	36
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	8.959 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Sustainable Packaging

Resource performance

✓ Sustainable Packaging

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins