

# Product datasheet

Specifications



## iCT 16A 1NO 12V 50Hz contactor

Local distributor code:

396893044

A9C22011

**EAN Code: 3606480096907**

### Main

Range Of Product	Acti9
Product Name	Acti9 iCT
Product Or Component Type	Contactors
Device Short Name	iCT
Device Application	Motor-heating-lighting
Poles	1P
[Ie] Rated Operational Current	16 A AC-7A 6 A AC-7B
Pole Contact Composition	1 NO
Network Type	AC
Control Type	Remote control
[Uc] Control Circuit Voltage	12 V AC 50 Hz

### Complementary

Network Frequency	50 Hz
[Ue] Rated Operational Voltage	250 V AC 50 Hz
Maximum Power	1.3 W at 250 V AC
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV
Control Signal Type	Maintained
Switching Frequency	100 switching operations/day
Local Signalling	Action indicator
Hold-In Power Consumption In Va	3.8 VA
Inrush Power In Va	15 VA
Mounting Mode	Clip-on
Mounting Support	35 mm symmetrical DIN rail
9 Mm Pitches	2
Height	81 mm
Width	18 mm
Depth	68.5 mm
Colour	White

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

<b>Mechanical Durability</b>	1000000 cycles
<b>Electrical Durability</b>	100000 cycles IEC/EN 61095 16 A 50 Hz AC-7A 30000 cycles IEC/EN 61095 6 A 50 Hz AC-7B 30000 cycles IEC/EN 61095 50 Hz AC-7C 100000 cycles EN/IEC 60947-4-1 50 Hz AC-1 30000 cycles EN/IEC 60947-4-1 50 Hz AC-3 30000 cycles EN/IEC 60947-4-1 50 Hz AC-5a 30000 cycles EN/IEC 60947-4-1 50 Hz AC-5b
<b>Connections - Terminals</b>	Control circuit: tunnel type terminals2 cable(s) 1.5 mm <sup>2</sup> rigid Power circuit: tunnel type terminals1 cable(s) 1...4 mm <sup>2</sup> flexible Power circuit: tunnel type terminals1 cable(s) 1.5...6 mm <sup>2</sup> rigid Control circuit: tunnel type terminals1 cable(s) 1.5...2.5 mm <sup>2</sup> rigid Control circuit: tunnel type terminals2 cable(s) 1.5...2.5 mm <sup>2</sup> flexible
<b>Tightening Torque</b>	Control circuit: 0.8 N.m Power circuit: 0.8 N.m
<b>Product Compatibility</b>	IACTs
<b>Compatibility Code</b>	ICT
<b>Market Segment</b>	Small commercial Residential

## Environment

<b>Standards</b>	IEC/EN 61095
<b>Noise Level</b>	30 dB
<b>Heat Dissipation</b>	1.3 W
<b>Ip Degree Of Protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Pollution Degree</b>	2
<b>Tropicalisation</b>	2 conforming to EN 60947-4-1 2 conforming to EN 61095 2 conforming to IEC 1095
<b>Relative Humidity</b>	95 % at 55 °C
<b>Operating Altitude</b>	2000 m
<b>Ambient Air Temperature For Operation</b>	-5...60 °C
<b>Ambient Air Temperature For Storage</b>	-40...70 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	1.8 cm
<b>Package 1 Width</b>	7.0 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	109.0 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	8.0 cm
<b>Package 2 Width</b>	9.5 cm
<b>Package 2 Length</b>	23.0 cm
<b>Package 2 Weight</b>	1.375 kg

<b>Unit Type Of Package 3</b>	S03
<b>Number Of Units In Package 3</b>	144
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm
<b>Package 3 Weight</b>	16.987 kg

## **Contractual warranty**

<b>Warranty</b>	18 months
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## Sustainability

**Green Premium™ 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<sub>2</sub> 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 >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile No need of specific recycling operations