Product datasheet

Specifications

contactor iCT - 2 poles - 2 NO - 40 A - 220..240 V AC

A9C20842

Main

Range Of Product	Acti9
Product Name	Acti9 iCT
Product Or Component Type	Contactor
Device Short Name	iCT
Device Application	Motor-heating-lighting
Poles	2P
[Ie] Rated Operational Current	40 A AC-7A 15 A AC-7B
Pole Contact Composition	2 NO
Network Type	AC
Control Type	Remote control
[Uc] Control Circuit Voltage	220...240 V AC 50 Hz

Complementary

Network Frequency	50 Hz
[Ue] Rated Operational Voltage	250 V AC 50 Hz
Maximum Power	1.6 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	4.6 VA
Inrush Power In Va	34 VA
Mounting Mode	Clip-on
Mounting Support	35 mm symmetrical DIN rail
9 Mm Pitches	4
Height	85 mm
Width	36 mm
Depth	60 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

Mechanical Durability	1000000 cycles
Electrical Durability	100000 cycles IEC/EN 61095 40 A 50 Hz AC-7A 30000 cycles IEC/EN 61095 15 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
Connections - Terminals	Control circuit: tunnel type terminals2 cable(s) 1.5 mm^2 rigid Control circuit: tunnel type terminals1 cable(s) 1.5…2.5 mm^2 rigid Power circuit: tunnel type terminals1 cable(s) 6…16 mm^2 flexible Power circuit: tunnel type terminals1 cable(s) 6…25 mm^2 rigid Control circuit: tunnel type terminals2 cable(s) 1.5…2.5 mm^2 flexible
Tightening Torque	Control circuit: 0.8 N.m Power circuit: 3.5 N.m
Product Compatibility	IACTc IACTs IACTp IATEt
Compatibility Code	ICT
Market Segment	Small commercial Residential

Environment

Standards	IEC/EN 61095
Noise Level	30 dB
Heat Dissipation	1.6 W at 50/60 Hz
Ip Degree Of Protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution Degree	2
Tropicalisation	2 conforming to EN 60947-4-1 2 conforming to EN 61095 2 conforming to IEC 1095
Relative Humidity	95 % at 55 °C
Operating Altitude	2000 m
Ambient Air Temperature For Operation	-5…60 °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	4.000 cm
Package 1 Width	11.000 cm
Package 1 Length	12.000 cm
Package 1 Weight	256.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	11.500 cm
Package 2 Width	12.500 cm
Package 2 Length	25.000 cm

Package 2 Weight	1.614 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	36
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	10.179 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 >

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