Product datasheet

Specifications

Green Premium™

iCT 20A 2NO 230...240V 50Hz contactor

A9C22722

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	20 A AC-7A
Pole Contact Composition	2 NO
Network Type	AC
Control Type	Remote control
[Uc] Control Circuit Voltage	230...240 V AC 50 Hz

Complementary

Network Frequency	50 Hz
[Ue] Rated Operational Voltage	250 V AC 50 Hz
Maximum Power	1.2 W at 250 V AC
[Ui] Rated Insulation Voltage	500 V AC 50 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	2.7 VA
Inrush Power In Va	9.2 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
Mechanical Durability	1000000 cycles

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

Electrical Durability	100000 cycles IEC/EN 61095 20 A 50 Hz AC-7A 30000 cycles IEC/EN 61095 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 mm² rigid Power circuit: tunnel type terminals1 cable(s) 1…4 mm² flexible Power circuit: tunnel type terminals1 cable(s) 1.5…6 mm² rigid Control circuit: tunnel type terminals1 cable(s) 1.5…2.5 mm² rigid Control circuit: tunnel type terminals2 cable(s) 1.5…2.5 mm² flexible
Tightening Torque	Control circuit: 0.8 N.m Power circuit: 0.8 N.m
Product Compatibility	IACTs
Compatibility Code	ICT
Market Segment	Residential Small commercial

Environment

Standards	IEC/EN 61095
Noise Level	30 dB
Heat Dissipation	0.9 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 IEC 60068-1 2
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	1.8 cm
Package 1 Width	6.8 cm
Package 1 Length	8.1 cm
Package 1 Weight	116.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	7.9 cm
Package 2 Width	9.3 cm
Package 2 Length	23.0 cm
Package 2 Weight	1.457 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	144

Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	17.972 kg

Contractual warranty

Warranty	18 months

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_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