

Product data sheet

Specifications



iCT 25A 1NO 127V 60Hz contactor

A9C20431

⚠ Discontinued on: Jun 30, 2023

⚠ Discontinued

Main

Range Of Product	Acti9
Product Name	Acti9 iCT
Product Or Component Type	Contactor
Device Short Name	iCT
Device Application	Motor-heating-lighting
Poles	1P
[Ie] Rated Operational Current	25 A AC-7A 8.5 A AC-7B
Pole Contact Composition	1 NO
Network Type	AC
Control Type	Remote control
[Uc] Control Circuit Voltage	127 V AC 60 Hz

Complementary

Network Frequency	60 Hz
[Ue] Rated Operational Voltage	250 V AC 60 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

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

Colour	White
Mechanical Durability	1000000 cycles
Electrical Durability	100000 cycles IEC/EN 61095 25 A 60 Hz AC-7A 30000 cycles IEC/EN 61095 8.5 A 60 Hz AC-7B 30000 cycles IEC/EN 61095 60 Hz AC-7C 100000 cycles EN/IEC 60947-4-1 60 Hz AC-1 30000 cycles EN/IEC 60947-4-1 60 Hz AC-3 30000 cycles EN/IEC 60947-4-1 60 Hz AC-5a 30000 cycles EN/IEC 60947-4-1 60 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	IACt IACs IACp IACt
Compatibility Code	ICT
Market Segment	Residential Small commercial

Environment

Standards	IEC/EN 61095
Noise Level	30 dB
Heat Dissipation	1.3 W
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	1.8 cm
Package 1 Width	7.0 cm
Package 1 Length	8.5 cm
Package 1 Weight	109.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	9.5 cm

Package 2 Length	23.0 cm
Package 2 Weight	1.381 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	17.059 kg

Contractual warranty

Warranty	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-CO₂ 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