

Product datasheet

Specifications



iCT 100A 4NO 220...240V 50Hz contactor

A9C20884

Price: 5,895.95 ZAR

Main

range of product	Acti9
Product name	Acti9 iCT
Product or component type	Contactors
Device short name	iCT
Device application	Heating-low inductive load
Poles	4P
[Ie] rated operational current	100 A AC-7A
Pole contact composition	4 NO
Network type	AC
Utilisation category	AC-1 conforming to EN 60947-4-1 AC-7A conforming to EN 61095 AC-7A conforming to IEC 61095 AC-7A conforming to UTE C 61-481 AC-1 conforming to IEC 60947-4-1
control type	Remote control
[Uc] control circuit voltage	220...240 V AC 50 Hz

Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	400 V AC 50 Hz
Maximum power	AC-7A: 4.2 W at 400 V AC 50 Hz
[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	13 VA
inrush power in VA	106 VA
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	12
Height	85 mm
Width	108 mm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Depth	60 mm
Colour	White
Electrical durability	30000 cycles EN 61095 400 V 16 A AC 50 Hz AC-7A 30000 cycles UTE C 61-481 400 V 6 A AC 50 Hz AC-7A 30000 cycles IEC 61095 400 V AC 50 Hz AC-7A
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 Control circuit: tunnel type terminals2 cable(s) 1.5...2.5 mm ² flexible Power circuit: tunnel type terminals1 cable(s) 6...35 mm ² solid or flexible
Tightening torque	Power circuit: 3.5 N.m Control circuit: 0.8 N.m A1 / A2
Product compatibility	IACTp IACTs IATEt IACTc
Compatibility code	ICT
Market segment	Small commercial Residential

Environment

Standards	EN 61095 IEC 61095 UTE C 61-481
Noise level	30 dB
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
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	6.800 cm
Package 1 Width	8.800 cm
Package 1 Length	10.900 cm
Package 1 Weight	621.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	2
Package 2 Height	8.300 cm
Package 2 Width	9.800 cm
Package 2 Length	23.200 cm
Package 2 Weight	1.304 kg
Unit Type of Package 3	S03

Number of Units in Package 3	16
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	10.919 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 948

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant

SCIP Number 6763a476-30bc-4d05-a4bb-93f8d65c3771

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

Use Longer

Lifetime extension

Repair No

Use Again

Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

WEEE Label The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins