

# Product datasheet

Specifications



## iCT 25A 1NO 230...240V 50Hz contactor

A9C20731

### 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	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	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 50/60 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	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	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

<b>Mechanical durability</b>	1000000 cycles
<b>Electrical durability</b>	100000 cycles IEC/EN 61095 25 A 50 Hz AC-7A 30000 cycles IEC/EN 61095 8.5 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>	IACt IACs IATet IACtp
<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>	0.9 W at 50/60 Hz
<b>IP degree of protection</b>	IP20
<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>	1.700 cm
<b>Package 1 Width</b>	6.800 cm
<b>Package 1 Length</b>	8.500 cm
<b>Package 1 Weight</b>	108.000 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	12
<b>Package 2 Height</b>	8.000 cm
<b>Package 2 Width</b>	9.400 cm
<b>Package 2 Length</b>	23.000 cm

Package 2 Weight	1.355 kg
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	16.834 kg

## Contractual warranty

Warranty	18 months
----------	-----------

## 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.

[How this information helps you >](#)

### Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	132
---	-----

Environmental Disclosure	<a href="#">Product Environmental Profile</a>
--------------------------	---

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	No
--	----

Packaging without single use plastic	No
--------------------------------------	----

EU RoHS Directive	Compliant with Exemptions
-------------------	---------------------------

SCIP Number	429095ee-388a-4184-bea4-16f87e374975
-------------	--------------------------------------

REACH Regulation	<a href="#">REACH Declaration</a>
------------------	-----------------------------------

China RoHS Regulation	<a href="#">China RoHS declaration</a>
-----------------------	--

## Use Again

### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
---------------------	--

Take-back	No
-----------	----

