

# Product data sheet

Specifications



## iCT 40A 4NC 220...240V 50Hz contactor

A9C20847

### Main

Range of product	Acti9
Product name	Acti9 iCT
Product or component type	Contactors
Device short name	iCT
Device application	Motor-heating-lighting
Poles	4P
[Ie] rated operational current	40 A AC-7A 15 A AC-7B
Pole contact composition	4 NC
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	400 V AC 50 Hz
Maximum power	2.1 W at 400 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	6.5 VA
Inrush power in VA	53 VA
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	6
Height	85 mm

<b>Width</b>	54 mm
<b>Depth</b>	60 mm
<b>Colour</b>	White
<b>Mechanical durability</b>	1000000 cycles
<b>Electrical durability</b>	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
<b>Connections - terminals</b>	Control circuit: tunnel type terminals2 cable(s) 1.5 mm <sup>2</sup> rigid Control circuit: tunnel type terminals1 cable(s) 1.5...2.5 mm <sup>2</sup> rigid Power circuit: tunnel type terminals1 cable(s) 6...16 mm <sup>2</sup> flexible Power circuit: tunnel type terminals1 cable(s) 6...25 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: 3.5 N.m
<b>Product compatibility</b>	IACTp IACTc IACTs IATEt
<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>	2.1 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>	6 cm
<b>Package 1 Width</b>	11 cm
<b>Package 1 Length</b>	12 cm
<b>Package 1 Weight</b>	360 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	4
<b>Package 2 Height</b>	11.5 cm
<b>Package 2 Width</b>	12.5 cm
<b>Package 2 Length</b>	25 cm

Package 2 Weight	1.516 kg
Unit Type of Package 3	S03
Number of Units in Package 3	24
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	9.537 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)