

# Product data sheet

## Characteristics

# A9C20736

## iCT 25A 2NC 230...240V 50Hz contactor



### Main

Range of product	Acti9
Product name	Acti9 iCT
Product or component type	Contacteur
Device short name	ICT
Device application	Motor-heating-lighting
Poles	2P
[Ie] rated operational current	25 A AC-7A 8.5 A AC-7B
Pole contact composition	2 NC
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	68.5 mm
Colour	White
Mechanical durability	1000000 cycles
Electrical durability	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
Connections - terminals	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
Tightening torque	Control circuit: 0.8 N.m Power circuit: 0.8 N.m

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Product compatibility	IACTc IACTs IACTp IATEt
Compatibility code	ICT
Market segment	Small commercial Residential

## 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 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 Weight	118 g
Package 1 Height	1.8 cm
Package 1 width	7 cm
Package 1 Length	8.5 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	1.472 kg
Package 2 Height	2.98 cm
Package 2 width	30 cm
Package 2 Length	20 cm
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Weight	18.246 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</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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