

Product Datasheet

Characteristic

A9C20868

iCT 63A 2NO+2NC 220...240V 50Hz
contactor



Main

Range	Acti9
Product name	Acti9 iCT
product or component type	Contacteur
Device short name	iCT
Device application	Motor-heating-lighting
poles description	4P
[Ie] rated operational current	63 A AC-7A 20 A AC-7B
Pole contact composition	2 NO + 2 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
Width	54 mm
Depth	60 mm
Colour	White
Mechanical durability	1000000 cycles
Electrical durability	100000 cycles IEC/EN 61095 63 A 50 Hz AC-7A

	30000 cycles IEC/EN 61095 20 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 mm² rigid Control circuit: tunnel type terminals1 cable(s) 1.5...2.5 mm² rigid Power circuit: tunnel type terminals1 cable(s) 6...16 mm² flexible Power circuit: tunnel type terminals1 cable(s) 6...25 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: 3.5 N.m
Product compatibility	IACTp IACTc IACTs IAETt
Compatibility code	ICT
Market segment	Small commercial Residential

Environment

Standards	IEC/EN 61095
Noise level	30 dB
Heat dissipation	2.1 W at 50/60 Hz
IP degree of protection	IP20
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	8.8 cm
Package 1 Width	12.2 cm
Package 1 Length	11.2 cm
Package 1 Weight	361 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	12.2 cm
Package 2 Width	12.6 cm
Package 2 Length	25.2 cm
Package 2 Weight	1.519 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	9.602 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Free of Substances of Very High Concern above the threshold
REACH free of SVHC	Yes

EU RoHS Directive	Compliant
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP110308EN
Circularity Profile	N/A
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins