Product data sheet
Characteristics

A9C20867
iCT 63A 4NC 220...240V 50Hz contactor



Main

Range	Acti9
Product name	Acti9 iCT
Product or component type	Contactor
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	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
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
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 IACTs IACTc IATEt
Compatibility code	ICT
Market segment	Small commercial Residential

Environment

Standards	IEC/EN 61095
Noise level	30 DB
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	5.800 Cm
Package 1 Width	11.000 Cm
Package 1 Length	12.100 Cm
Package 1 Weight	359.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	11.500 Cm
Package 2 Width	12.500 Cm
Package 2 Length	25.200 Cm
Package 2 Weight	1.513 Kg
Unit Type of Package 3	S03
Number of Units in Package 3	24
Package 3 Height	30.000 Cm
Package 3 Width	30.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	9.145 Kg

Offer Sustainability

Recyclability potential, in %	65
Total lifecycle Carbon footprint	41 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.7088208243839529
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.052306724198312234
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.03905620706335459
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	38.900995824896825
Carbon footprint of the use phase [B2, B3, B4, B6]	39 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No

Carbon footprint of the end-of-life phase [C1 to C4]	0.4094557908957039
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	41
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	6763a476-30bc-4d05-a4bb-93f8d65c3771
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
OECD PFAS Regulation	Item contains PFAS Chemicals
POP Directive	No POPs
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes
Silicone-free	Yes
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 a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised