Product data sheet
Characteristics

A9C22112
iCT 16A 2NO 24V 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	2P
[Ie] rated operational current	16 A AC-7A 6 A AC-7B
Pole contact composition	2 NO
Network type	AC
Control type	Remote control
[Uc] control circuit voltage	24 V AC 50 Hz

Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	250 V AC 50 Hz
Maximum power	1.3 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	3.8 VA
Inrush power in VA	15 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
Mechanical durability	1000000 Cycles
Electrical durability	100000 Cycles IEC/EN 61095 16 A 50 Hz AC-7A 30000 Cycles IEC/EN 61095 6 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 Power circuit: tunnel type terminals1 cable(s) 1…4 mm² flexible Power circuit: tunnel type terminals1 cable(s) 1.5…6 mm² rigid Control circuit: tunnel type terminals1 cable(s) 1.5…2.5 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: 0.8 N.m
Product compatibility	IACTs
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	2.000 Cm
Package 1 Width	7.000 Cm
Package 1 Length	8.500 Cm
Package 1 Weight	115.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.400 Cm
Package 2 Width	9.800 Cm
Package 2 Length	23.300 Cm
Package 2 Weight	1.439 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	17.798 Kg

Offer Sustainability

Recyclability potential, in %	65
Total lifecycle Carbon footprint	3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.5329432220634238
Carbon footprint of the manufacturing phase [A1 to A3]	0.5 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.01631330431608073
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.012180762627014665
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2.222735028912545
Carbon footprint of the use phase [B2, B3, B4, B6]	2 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.12770015754644917
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Total lifecycle Carbon footprint	3
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	429095ee-388a-4184-bea4-16f87e374975
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
OECD PFAS Regulation	Item contains PFAS Chemicals
Ship Recycling Directive	Reportable
POP Directive	No POPs
Halogen-free status	Product contains halogen above thresholds
PVC 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