Product datasheet

Specifications



iCT 25A 1NO 230...240V 50Hz contactor

A9C20731

Main

range of product	Acti9
Product name	Acti9 iCT
Product or component type	Contactor
Device short name	iCT
Device application	Motor-heating-lighting
Poles	1P
[Ie] rated operational current	25 A AC-7A 8.5 A AC-7B
Pole contact composition	1 NO
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	60 mm
Colour	White
Mechanical durability	1000000 cycles

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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
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	IACTc IACTs IATEt IACTp
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	1.700 cm
Package 1 Width	6.800 cm
Package 1 Length	8.500 cm
Package 1 Weight	108.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.000 cm
Package 2 Width	9.400 cm
Package 2 Length	23.000 cm
Package 2 Weight	1.355 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	16.834 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**3 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.6 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**3 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.1 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**429095ee-388a-4184-bea4-16f87e374975**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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**

Use Again

Repack and remanufacture

Recyclability potential, in %	**65**
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 and never end up in rubbish bins**