Product datasheet
Characteristics

A9C20842
contactor iCT - 2 poles - 2 NO - 40 A - 220..240 V AC

Main

Range	Acti 9
Product name	Acti 9 iCT
Product or component type	Contactor
Device short name	ICT
Device application	Motor-heating-lighting
Poles description	2P
[Ie] rated operational current	40 A AC-7A 15 A AC-7B
Pole contact composition	2 NO
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	250 V AC 50 Hz
Maximum power	1.6 W 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	4.6 VA
Inrush power in VA	34 VA
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	60 mm
Colour	White
Mechanical durability	1000000 cycles
Electrical durability	30000 cycles, 50 Hz, AC-7C conforming to IEC/EN 61095 30000 cycles, 50 Hz, AC-7C conforming to IEC/EN 61095 100000 cycles, 50 Hz, AC-1 conforming to EN/IEC 60947-4-1 30000 cycles, 50 Hz, AC-3 conforming to EN/IEC 60947-4-1 30000 cycles, 50 Hz, AC-5A conforming to EN/IEC 60947-4-1 30000 cycles, 50 Hz, AC-5B conforming to EN/IEC 60947-4-1 100000 cycles at 40 A, 50 Hz, AC-7A conforming to IEC/EN 61095 30000 cycles at 15 A, 50 Hz, AC-7B conforming to IEC/EN 61095
Connections - terminals	Control circuit : 2 tunnel type terminals 1.5 mm² for rigid cable(s) Control circuit : 1 tunnel type terminals 1.5...2.5 mm² for rigid cable(s) Power circuit : 1 tunnel type terminals 6...16 mm² for flexible cable(s) Power circuit : 1 tunnel type terminals 6...25 mm² for rigid cable(s) Control circuit : 2 tunnel type terminals 1.5...2.5 mm² for flexible cable(s)
Tightening torque	Power circuit : 3.5 N.m Control circuit : 0.8 N.m
Product compatibility	IACTc IACTp IACTs

Environment

standards	IEC/EN 61095
noise level	30 dB
heat dissipation	1.6 W at 50/60 Hz
IP degree of protection	IP20 conforming to IEC 60529 IP40 (in 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 % (55 °C)
operating altitude	2000 m
ambient air temperature for operation	-5...60 °C
ambient air temperature for storage	-40...70 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1001 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations