

INSTALLATION CONTACTOR

Instruction Leaflet DOC:INC2020



FuseBox®

1 Technical information

Rating (A) AC-7a	20,25,40,63
Number of Poles (normally open)	2,4
Rated coil voltage	230V/ 50Hz
Rated insulation voltage (Ui)	500V
Voltage (Ue) 2P/4P	250V AC /400V AC
Rated impulse withstand voltage (Uimp)	2.5kV
Ambient temperature	-5°C to +60°C
Mounting	35mm top hat din rail
IP RATING	IP20 EN 60529
Complies with	IEC EN 61095

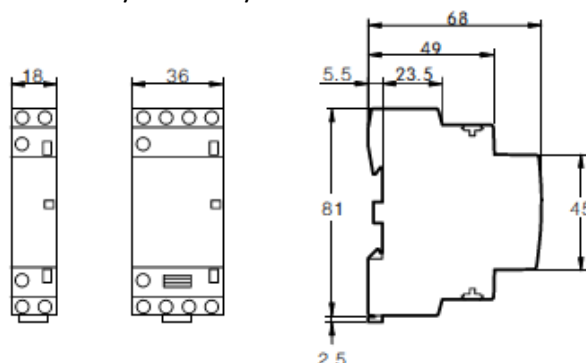
ATTENTION

9mm spacers must be fitted either side, when installing installation contactor beside protection device, to allow free air to circulate

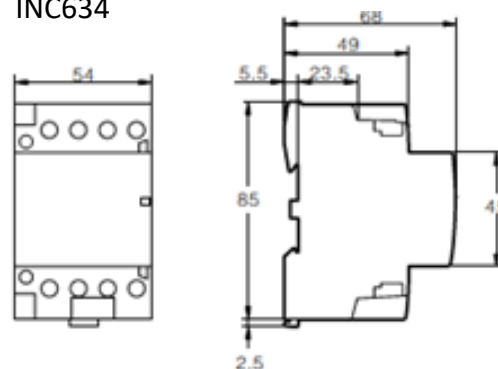
Part number	INC202	INC402	INC254	INC634
Number of poles (N/O)	2	2	4	4
AC-7a (A)	20	40	25	63
AC-7b (A)	6.4	15	8.5	20
Ith (thermal) (A)	20	40	25	63
Holding VA	2.7	4.6	4.6	6.5
Inrush VA	9.2	34	34	53
Dissipated W	1.2	1.6	1.6	2.1
Torque(control circuit)	0.8Nm	0.8Nm	0.8Nm	0.8Nm
Torque(power circuit)	0.8Nm	3.5Nm	0.8Nm	3.5Nm
Max. cable capacity	4mm ²	16mm ²	4mm ²	16mm ²
Module width	18mm	36mm	36mm	54mm

Dimensions

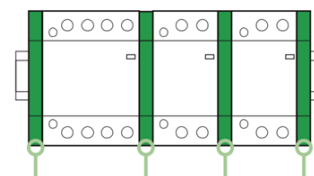
INC202 / INC402 / INC254



INC634



SPACERS



1b Installation contactors must be installed by a qualified electrician in accordance with the current IET Wiring Regulations BS 7671.

1c Total load must not exceed the rating of the installation contactor or any additional limitation.

2 Installation

2a Installation contactor range designed to fit FuseBox consumer units and modular enclosures.

2b Clip securely on to the din rail making sure the din rail clip at the bottom is pushed in, locking the installation contactor onto the din rail. **Fit 9mm plastic spacer either side to allow free air to circulate.**

2c Cut, dress and connect cables as shown in the **wiring diagram on the front of the installation contactor**

3 Connections

3a **Before powering up the circuit check all connections are TORQUED. Loose connections cause fires!!!!**

4 Testing

4a On completion of the installation, it must be tested in accordance with the latest edition of the IET Wiring Regulations for Electrical Installations (BS 7671).



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After installation and testing of this product it is essential that the INSTRUCTION LEAFLET is available for reference