



# FuseBox INC2020 Contactor Leaflet Instruction Manual

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INSTALLATION CONTACTOR  
Instruction Leaflet DOC:INC2020



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## Technical information

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

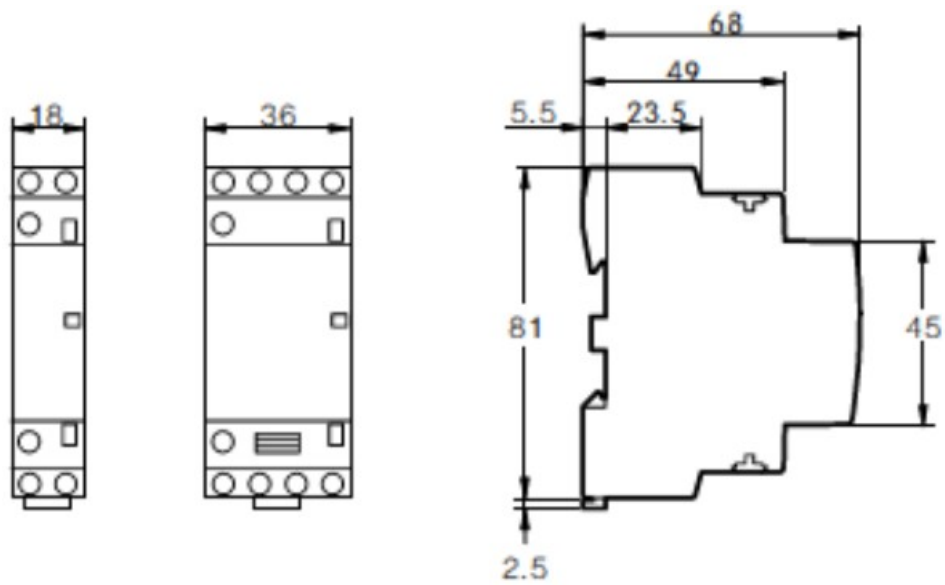
### ATTENTION

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

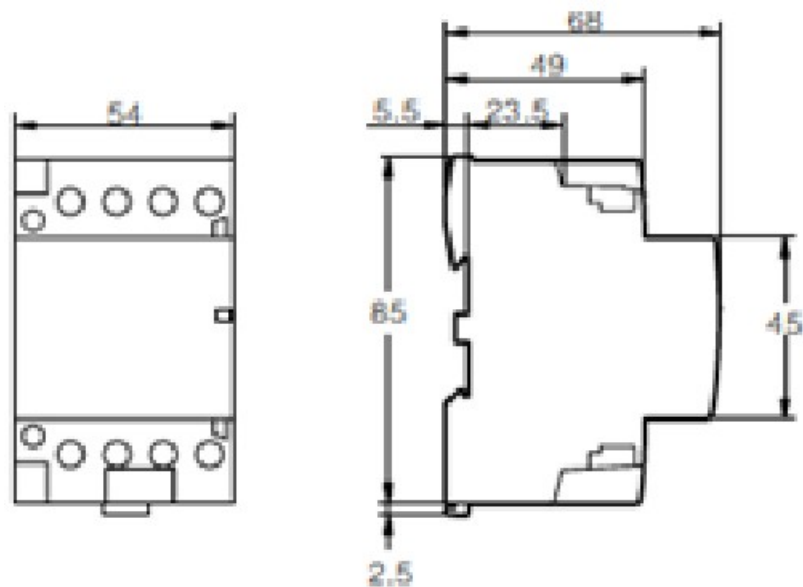
<b>Part number</b>	<b>INC202</b>	<b>INC402</b>	<b>INC254</b>	<b>INC634</b>
Number of poles (N/O)	2	2	4	4
AC-7a (A)	20	40	25	63
AC-7b (A)	6.4	15	8.5	20
Ith (thermal) (A)	20	40	25	63
Holding VA	16:48	4.6	4.6	6.5
Inrush VA	9.2	34	34	53
Dissipated W	1.2	1.6	1.6	2.1
Torque(control circuit)	0.8Nm	0.8Nm	0.8Nm	0.8Nm
Torque(power circuit)	0.8Nm	3.5Nm	0.8Nm	3.5Nm
Max. cable capacity	4mm <sup>2</sup>	16mm <sup>2</sup>	4mm <sup>2</sup>	16mm <sup>2</sup>
Module width	18mm	36mm	36mm	54mm

### Dimensions

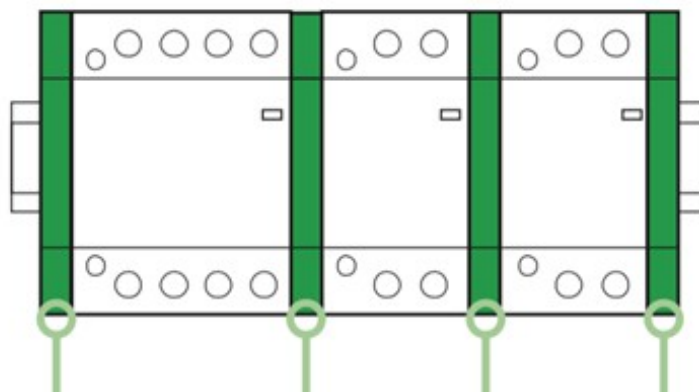
**INC202 / INC402 / INC254**



## 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.

## 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

## Connections

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

## 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).

# FuseBox®



FuseBox



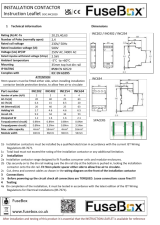
[www.fusebox.co.uk](http://www.fusebox.co.uk)



<http://www.fusebox.co.uk>

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

## Documents / Resources

	<p><a href="#">FuseBox INC2020 Contactor Leaflet</a> [pdf] Instruction Manual INC2020 Contactor Leaflet, INC2020, Contactor Leaflet, Leaflet, Contactor</p>
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## References

-  [FuseBox – Circuit Protection](#)

Manuals+.