

Usage Manual



MODULAR CONTACTOR

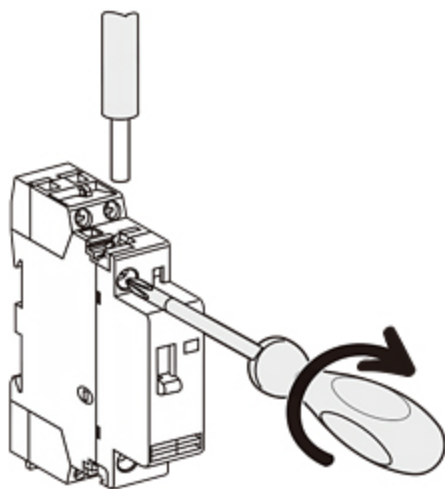
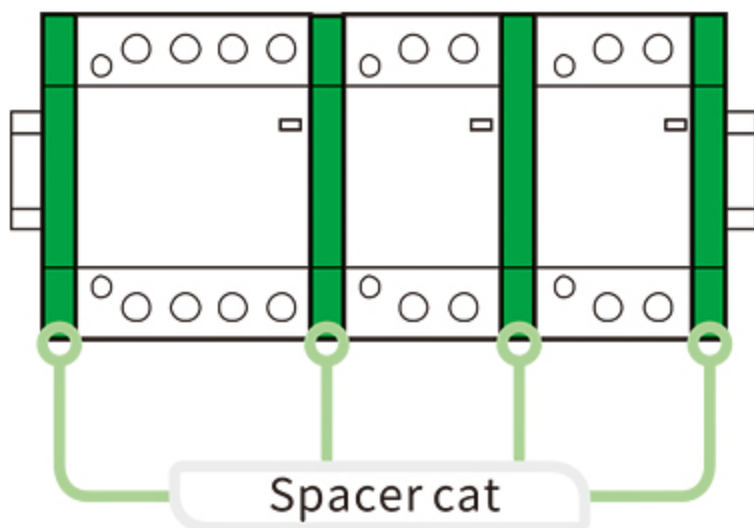
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Technical information

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
<p style="text-align: center;"><u>ATTENTION</u></p> <p>9mm spacers must be fitted either side, when installing installation contactor beside protection device, to allow free air to circulate</p>	

Part number	EKMF-20	EKMF-25	EKMF-40	EKMF-63
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

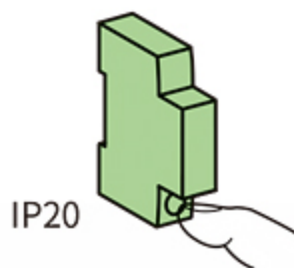
SPACERS



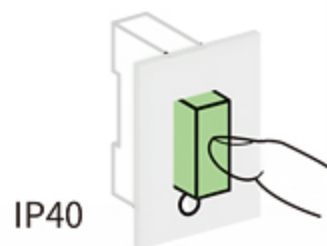
Clip on DIN rail 35 mm.



±30°vertical.a

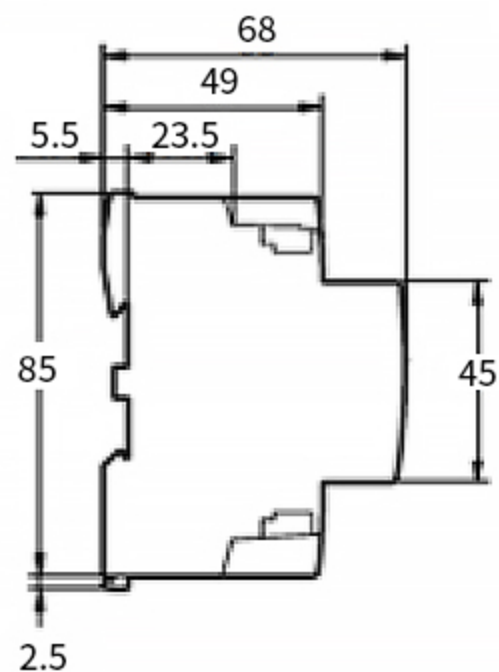
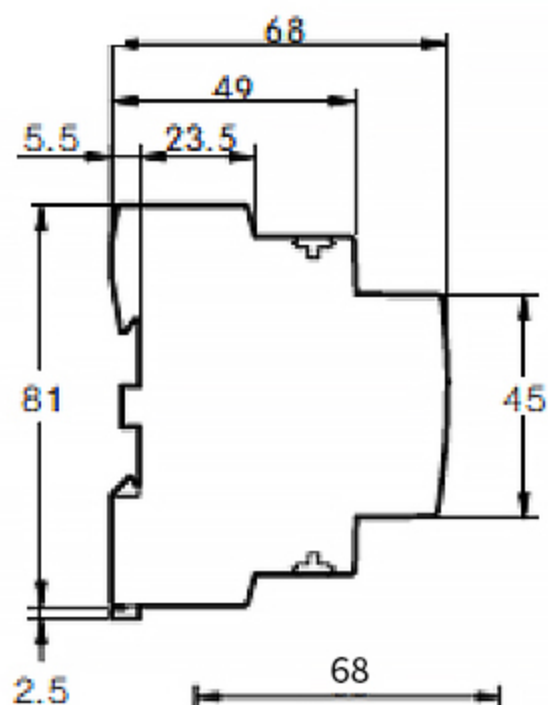
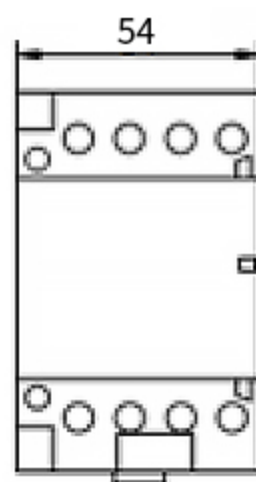
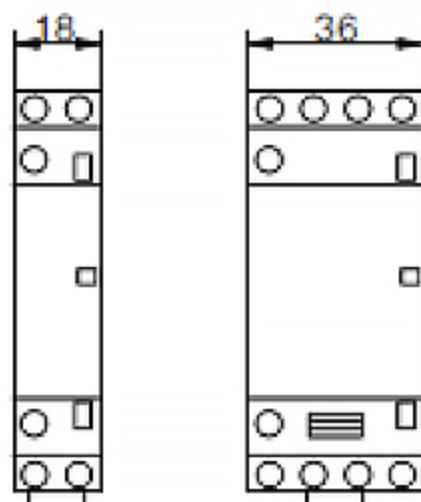


IP20



IP40

DIMENSIONS_{Inches(mm)}



- 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).