PAIR085
PAIR165

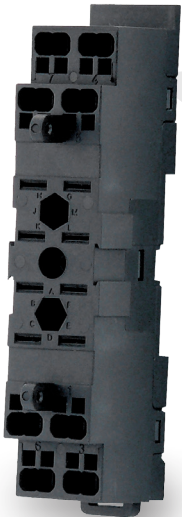### FOR C & D RELAYS SERIES MODELS

CONNECTION: **FRONT**
TERMINAL TYPE: **SPRING CLAMP**
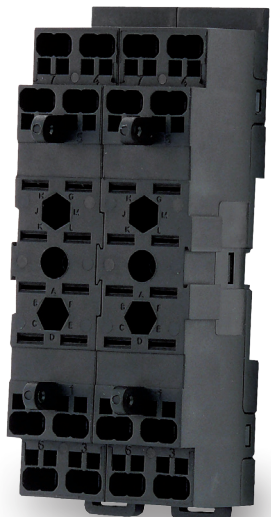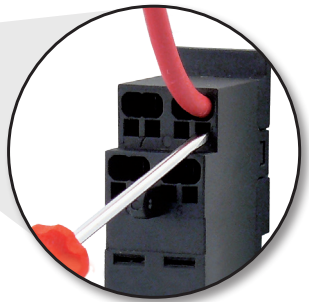MOUNTING: **PANEL / DIN RAIL**

SUITABLE FOR

Rolling stock

OVERVIEW

- Cable secured with spring clamp mechanism
- Insertion of lug with no need of tools
- Quick and easy wiring, saving more than 75% of time taken with conventional wiring
- Mounting to panel and 35 mm DIN rail
- Excellent contact pressure on relay terminals

- Sturdy construction, no internal soldering
- Compatible with cable up to 2.5 mm², bare (flexible or rigid) and with lug; 2 inputs per teminal
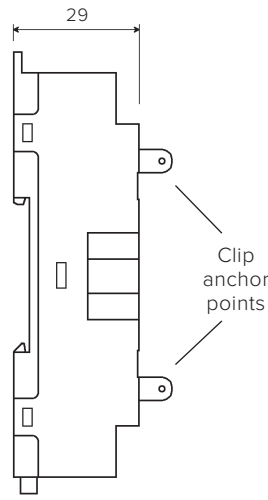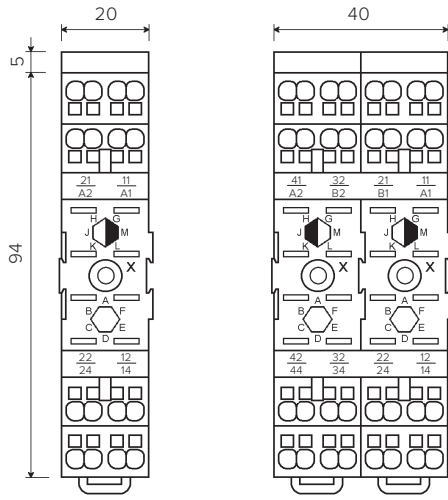- Provision for fitment of keying pins
- Protection IP20

MODELS

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⚠ It is not possible to use keying pins with relays of the RCM and RDM series

Clip anchor points

X = Fixing holes

SPECIFICATIONS

Weight: 62 / 124 / 186 / 248 / 370 g

Operating temperature: -50°C...+70°C

Storage temperature: -50°C...+85°C

Panel mounting:
- ø holes: 3.2 mm
- centre distance between adjacent holes: 20mm

Mounting to Omega support: H35 to DIN 46277/3 EN 60715 standards

Degree of protection: IP20

Insulation voltage:

- between adjacent terminals: 2.5 kV 50 Hz for 1 min

- between terminals and external ground:
- **DIN H35 rail mounting:** 4 kV 50 Hz for 1 min
- **Wall mounting:** 3 kV 50 Hz for 1 min

Angle of insertion tooling: 90° ± 5° from insertion surface

Connection: spring clamp

Inputs for each relay terminal: 2

Minimum section of cable: 2 x 0.5 mm²

Maximum section of cable: 2 x 2.5 mm²

Wire stripping length, mm: 10 mm ± 0.5 mm

Length of lug: 12 mm

Wiring with rigid cables or lug: pressure grip

Wiring with flexible cables, extraction of cables: using screwdriver type tool with slim shaft and slotted head measuring 2.5mm x 0.4mm, inserted perpendicularly to the socket.

Fire resistance: EN60695-2-1, UL94 - V0, EN45545-2, NFPA130

Standards: EN60255, EN60947, EN 61810, EN61373

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