Enclosed Contactors

Metal Enclosure to IP55
IEC947-4-1 Issue 1
Installation Instructions CE

1TVS013162P0300 rev1 – 03/11

Features

A range of contactors, suitable for switching heating loads up to 100A and lighting loads up to 70A. Available with 230V a.c. supply. All contactors are fitted with linked neutral terminals.

Installation

- Remove cover by releasing 4 corner screws with a screwdriver.
- Check operating coil voltage and frequency
- Remove appropriate top/bottom conduit knockouts.
- Mount base on a vertical surface using 4 off fixing points. To ensure environmental protection cover screws internally with supplied caps. See Figure 1.
- Connect conduit bushes
- Connect cables and ensure that all terminals are tight. Refer below for details.
- Replace cover and re-tighten cover screws.

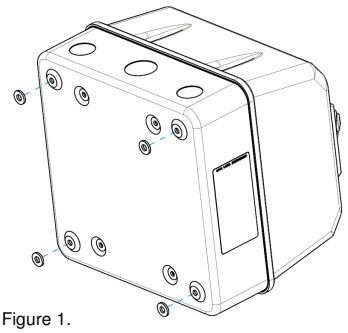
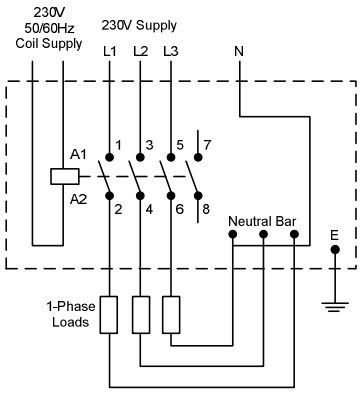


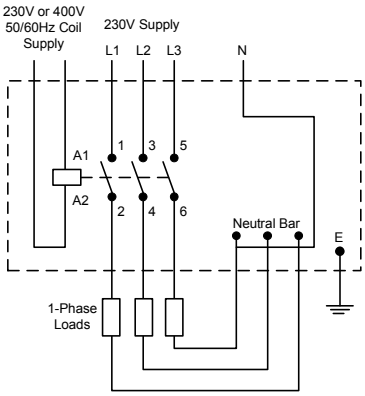
Figure 1.

Typical Circuit Connections

TYPES: HL23025S4
HL23045S4

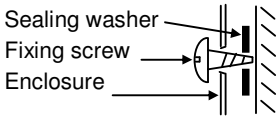


TYPES: HL23063S3
HL230100S3



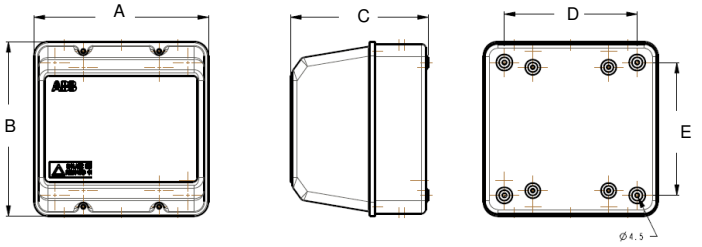
Rating

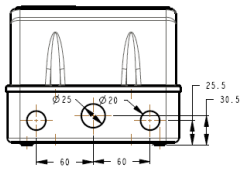
Reference	Amps per pole: Heating loads AC1	Amps per pole: Lighting Loads	Cable Capacities: Main	Cable Capacities: Auxiliaries
HL23025S4	25	15	1x4mm^2 or 2x2.5mm^2	1x4mm^2 or 2x2.5mm^2
HL23045S4	45	30	1x10mm^2 or 2x6mm^2	
HL23063S3	63	40	1x35mm^2 or 2x16mm^2	
HL230100S3	100	70		



Dimensions (mm)

Type	A	B	C	D	E	
ALL VERSIONS	184	184	146	140	140	





TYPES: HL23025S4
HL23045S4
HL23063S3
HL230100S3

4 x 20 Knockouts (2T&2B)
2 x 25mm Knockouts (1T&1B)

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