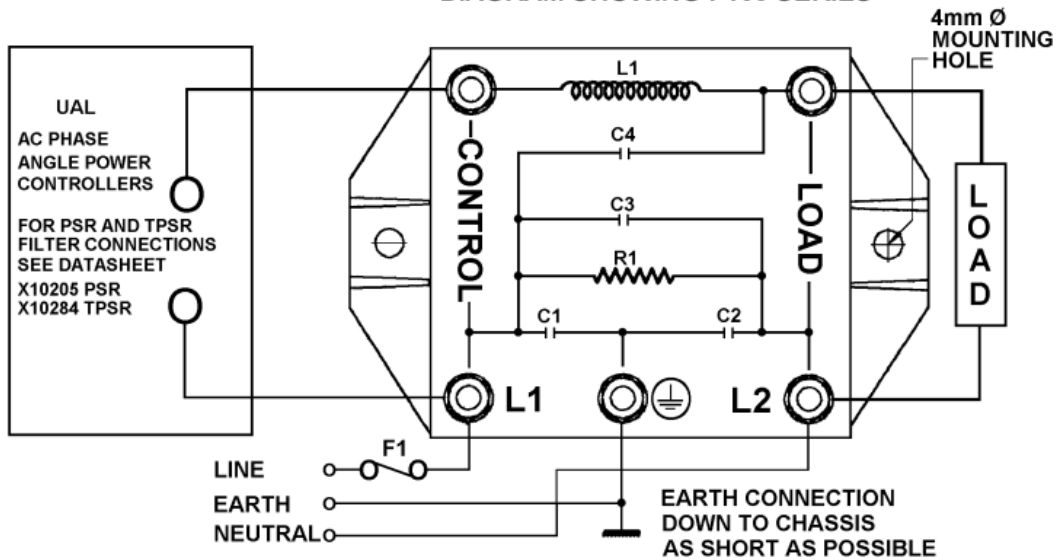


1 Interaction/Introduction

Phase-angle power controllers generate radio frequency interference (RFI) during each half-cycle of the mains waveform when the power is switched on. In sensitive applications this interference, or interaction with other equipment, must be suppressed to comply with the Electromagnetic Compatibility Regulations 1992 (SI 1992 No.2372). Appropriate suppression may be achieved by the addition of a series choke and capacitor network incorporated in a filter module. The F-type series filter modules have been manufactured to complement the UAL range of phase angle power controllers.

2 Installation

CONNECTIONS
DIAGRAM SHOWING F165 SERIES



WARNING LIVE TERMINALS
THIS UNIT MUST BE EARTHED

FUSING
SEMICONDUCTOR FUSE (F1)
OR CONTACT BREAKER
RATED AT LINE CURRENT

3 CE Marking

This product range is CE marked and may be used as a type of filter for CSR, QVR, AVR, FC11AL2, STOM1 and other phase angle applications with appropriate matching current capability. See the declaration of Conformity.

NOTE: It is recommended that installation and maintenance of this equipment should be done with reference to the current edition of the I.E.T. (formally I.E.E.) regulations (BS7671) by suitably qualified/trained personnel. The regulations contain important requirements regarding installation and safety of electrical equipment. Specific installers should refer to local and national regulations.

Max. Current	Choke Induction L1	Order Code	Dimensions (mm)	Terminals
3A	900µH	F155-3A	W44 x L72 x H45 x FC64	¼" Amp Tag
6A	635µH	F155-6A	W44 x L72 x H45 x FC64	¼" Amp Tag
10A	330µH	F155-10A	W44 x L72 x H45 x FC64	¼" Amp Tag
15A	250µH	F165-15A	W62 x L92 x H45 x FC80	M4 Stud & Nut
25A	200µH	F175-25A	W75 x L105 x H45 x FC64	M4 Stud & Nut

Voltage range 110V to 230V AC ± 10% @ 50/60Hz. Maximum operating temperature 70°C.
Higher current and voltage ratings available on request.



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