



F-SERIES RFI SUPPRESSION FOR SINGLE PHASE POWER REGULATORS

F-RFI

X10229

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.

INSTALLATION

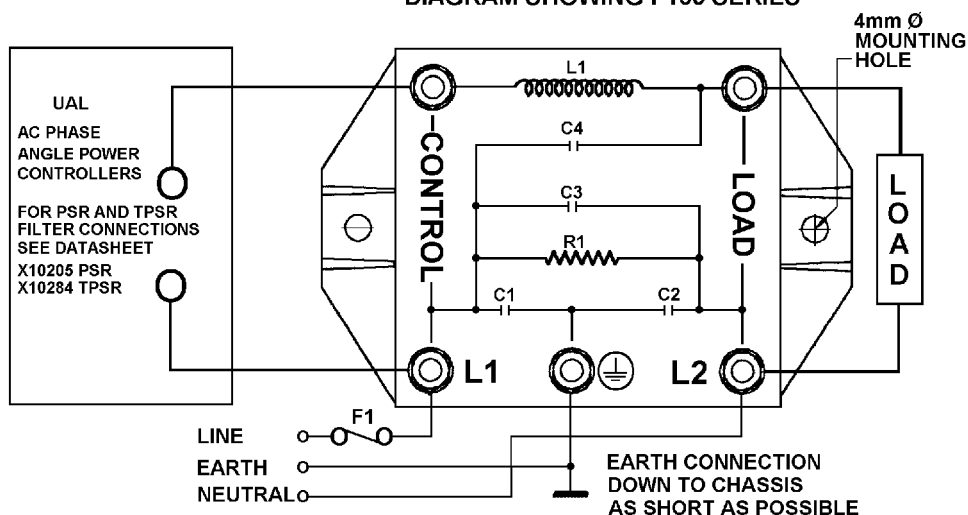
FUSING
SEMICONDUCTOR FUSE (F1)
OR CONTACT BREAKER
RATED AT LINE CURRENT

RoHS Compliant
Directive
2002/95/EC

WARNING LIVE TERMINALS
THIS UNIT MUST BE EARTHED

CONNECTIONS

DIAGRAM SHOWING F165 SERIES



CE MARKING

This product range is CE marked and may be used as a type filter for CSR, QVR, AVR, FC11AL2, STOM1 and other phase angle applications with appropriate matching current capability, e.g. Stacks and Firing circuits. For classification of 'type' filter refer to products family Declaration of Conformity. The standard filter units comply with the industrial emission levels BS EN 55022 Class A.

Max current	Choke Induction L1	Order Code	Dimensions in MM	Terminals
3A	900 μ H	F155-3A	W44 x L72 x H45 x FC64	1/4" Amp Tag
6A	635 μ H	F155-6A	W44 x L72 x H45 x FC64	1/4" Amp Tag
10A	330 μ H	F155-10A	W44 x L72 x H45 x FC64	1/4" Amp Tag
15A	250 μ H	F165-15A	W62 x L92 x H45 x FC80	M4 stud & nut
25A	200 μ H	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 $^{\circ}$ C
HIGHER CURRENT AND VOLTAGE RATINGS AVAILABLE ON REQUEST**



UNITED AUTOMATION LIMITED

1 Southport Business Park
Kew
Southport, PR8 4HQ
ENGLAND

Tel: 0044 (0) 1704 – 516500 Main
Tel: 0044 (0) 1704 – 516516 Sales
Fax: 0044 (0) 1704 – 516501
Enquiry@united-automation.com
www.united-automation.com

Page No. 1 of 1 Issue 3

Date 05/11/99



This document was created with Win2PDF available at <http://www.daneprairie.com>.
The unregistered version of Win2PDF is for evaluation or non-commercial use only.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [united automation manufacturer](#):

Other Similar products are found below :

[F175-25A](#) [QVR-230](#) [SSC-25](#) [QVR-TB-RFI](#) [CSR604A](#) [PAC2](#) [CSR1004A](#) [AFM-11](#) [DCM-24-40](#) [CSR1504A](#) [QVR/S-RFI 17](#) [PSR-25](#)