



EMC SUPPRESSION FILTER & MAINS CONDITIONER

ZFM32H/300

X10645

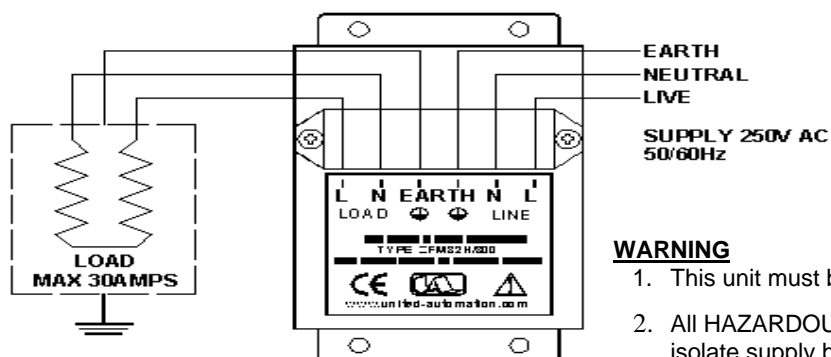
INTRODUCTION

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 current Electromagnetic Compatibility Regulations. The ZFM32/300 filter protects against these mains surges and spikes and prevents load noise feedback and is therefore ideal for noise suppression.

This verifies it a cost effective device suitable for both domestic and industrial applications

INSTALLATION

Connections



WARNING

1. This unit must be earthed.
2. All HAZARDOUS LIVE terminals - isolate supply before commencing any installation work.

CE MARKING

This product range is CE marked and may be used as a remote "type filter" for controllers, PATFC, PCR-240-1, SPC-240-13 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 domestic emission level BS EN 55022 Class B.

SPECIFICATIONS

Supply voltage (RMS)	250V AC (Max.)
Load current (RMS)	30A AC (Max.)
Earth leakage	<1.0mA (Max.)
Suppression @ 250KHz	21dB
Maximum working temperature	60°C
Dimensions	82mm (H) x 9mm1 (W) x 140mm (D)
Fixing centres & hole size	50mm (W) x 131m (D) / 4 x 5.5mm Ø

ORDER CODE

ZFM32H/300



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