

ACM1 - 230V AC CONVERSIONS

- Simple single or multiple luminaire control
- Controls up to 750VA
- Ultra compact profile for ease of integration
- Meets switching thresholds of EN 60598-2-22
- Rated to switch 480V
- EasiCheck self-test system compatible versions

Discreet emergency lighting, without purchasing and installing additional luminaires can be achieved by utilising suitable, standard mains luminaires operated via a static inverter system. Normally there is a requirement for local switching under normal mains healthy conditions. ACM1 modules automatically override this during a mains failure, providing failsafe illumination of the emergency luminaires. Easy to use, the module is ultra compact allowing easy integration into luminaires chosen for emergency operation from a 230V AC static inverter system. Alternatively it can be mounted in a remote enclosure to control a load of up to 750VA, if fed from a common switched mains supply. Rated to switch 480V, the ACM1 delivers reliable, high integrity performance.





MATERIALS

- Module case - polycarbonate, white finish
- Remote box - galvanised steel

INSTALLATION NOTES

- Suitable for fitting integral to host luminaire, where electro-magnetic test results permit
- Modules can control single or multiple luminaires
- A maximum load of 750VA can be controlled by one module, providing all luminaires are fed from the same switched supply in mains healthy mode
- Requires unswitched mains supply
- Heavy duty terminals
- Remote mounting box available (order separately)
- Changeover device can switch 480V, permitting feed from inverter and local switched supply to be on different phases
- Operates luminaire at full lumen output. When performing photometric designs the K and S lumen reduction factors of 0.95 and 0.85 respectively should be applied. See page 101 for Design Guide

CATALOGUE NUMBERS

Description	Cat. No.	Weight (kg)
Active Control Module (max load 750VA)	ACM1	0.30
Remote enclosure	FMENCA	0.60

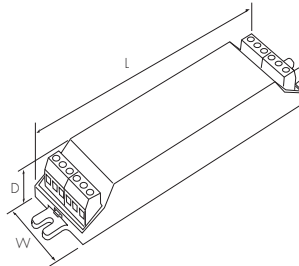
OPTIONS

- EasiCheck addressable testing system compatible versions available.

SPECIFICATION

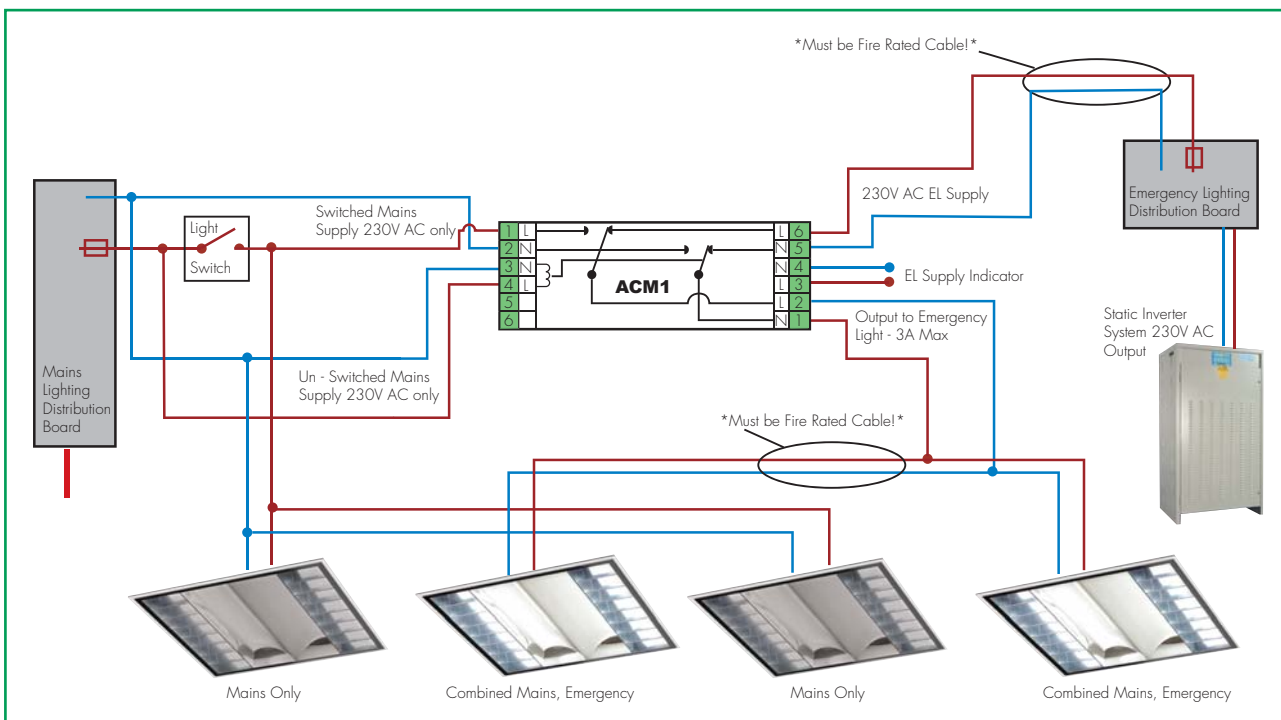
To specify state: Static inverter system control module for fluorescent lamps, in low profile case, providing changeover from switched mains supply to emergency supply, with 480V switch rating and conforming to switching thresholds of EN 60598-2-22, controlling individual luminaires or multiple loads up to 750 VA, for use with 230V AC/AC static inverter systems, as Menvier Active Control Module range, part no. ACM1

DIMENSIONS



Description	L (mm)	W (mm)	D (mm)	Fixing Centres (mm)
Module	158	38	33	147
Remote box	285	100	55	-

TYPICAL ACM1 SCHEMATIC DIAGRAM



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