



Commander Module for FC36M & FC36MV firing circuits

CM-FC36(M/MV)

X10652

INTRODUCTION

The CM-FC36(M/MV) Commander module (**CM**) is a remote 'Human Machine Interface' (HMI) programming and display console. It incorporates a simple keypad to input data and a console that displays all the functional information relating to the firing circuit settings. Connections are made by a standard RJ45 lead. Once connected, all functional parameters and settings may be configured on either the FC36M or FC36MV firing circuit.

APPLICATIONS

Specifically designed for use with the FC36M and FC36MC microprocessor-based, three-phase firing circuits.

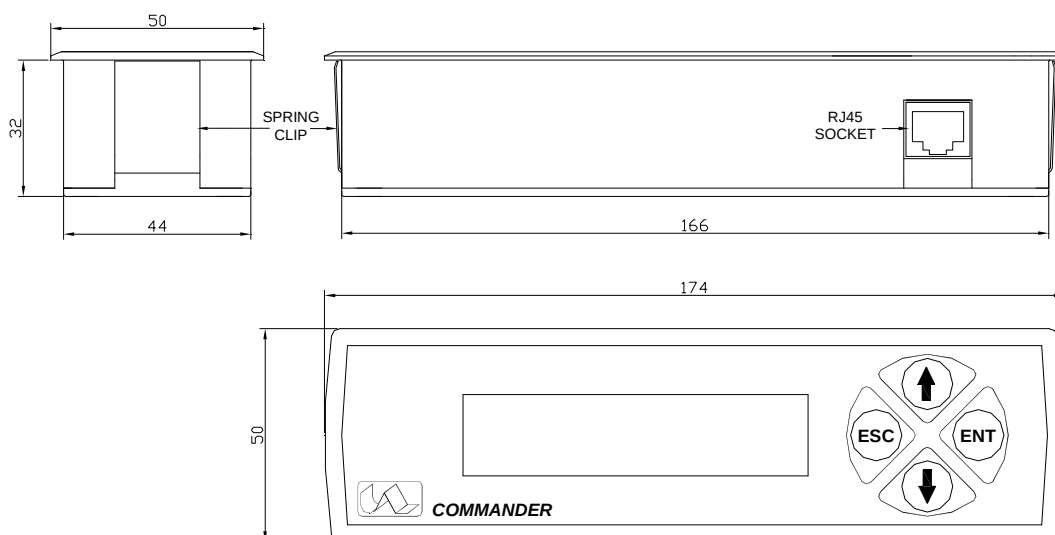
FEATURES & USE

- Compact and user friendly controls.
- Portable (removable) or panel (fixed) mounting.
- **CM** program locking facility.
- Set parameter and copy facility.
- Simple RJ45 connections.
- Easily read – back-lit LCD display.
- Tamper-proof PIN protection.



INSTALLATION

Fixing/Mounting/Dimensions



CE MARKING

This family carries a "CE" marking. For more information see recommendations section and contact our sales desk.

SPECIFICATIONS

General specifications

Supply voltage - dc:	5V
Current – dc (max.):	60mA
Compatibility (FC36M / MV) :	Issue-5 + / Issue-1 +
Communication interface:	'Direct'
IP rating (front panel only):	IP65
Panel cutout:	45mm x 168mm
RJ45 socket connection:	Underside entry

Parameter programming options

Current set
Current trip
Soft/hard start – stop
Ramp up/down time
Digital/analogue
Inductive/resistive load
Standard/delayed timing

Display specifications

Current limit set :	(0 to 100%) of 5V dc
Analogue:	select
Digital:	select
Resistive load:	Standard selection
Inductive load:	Delay selection
Current limit:	On/Off
Phase rotation sensing:	Displayed
Programming selection:	PCB or (CM)
Firing control:	Burst-fire or phase-angle
Soft start option:	ON/Off
Phase failure detection:	FC36MV only

Additional requirements

RJ45 connection lead:	(see ORDERING)
SCR firing circuit PCB:	FC36M or FC36MV

RECOMMENDATION

Other documents available on request, which may be appropriate for your applications.

CODE	IDENTITY	DESCRIPTION
X10248	FC36M	Data sheet
X20004	FC36M	FC36M User Installations Manual
X20005	CM-FC36(M/MV)	Commander Module- programming manual
X10621	FC36MV	Data sheet
X20006	FC36MV	FC36M User Installations Manual
X10255	SRA	Safety requirements, addressing the low voltage directive.
P01.1	COS	UAL Conditions of sale

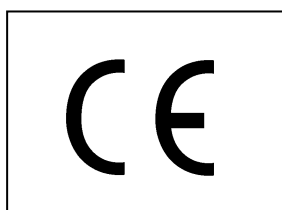
NOTE: It is recommended that installation and maintenance of this equipment should be done with reference to the current edition of the I.E.T. (formerly I.E.E.) regulations (BS7671) by suitably qualified/trained personnel. The regulations contain important requirements regarding installation and safety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

ORDERING: State part number: A402131 - CM-FC36(M/MV)

Optional extras:

Connections lead – 0.5m long	J02004 - RJ45 -0.5m
Connections lead – 1.0m long	J02001 - RJ45 -1m
Connections lead – 3.0m long	J02002 - RJ45 -3m
Connections lead – 5.0m long	J02003 - RJ45 -5m
Optional RJ45 socket connection - rear entry.	
Optional bespoke (customer specified) fascia membrane.	

(contact our technical sales desk for more information)



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