RACK-400F, 10 I/0 slots, CPU slot and PSU slot
RACK-400H, 5 I/O slots, CPU slot and PSU slot

Introduction

The RACK-400F (full rack) and the RACK-400H (half rack) are gear plate mounting full and half racks for housing the modules within the FMT-400 modular system. The RACK-400F has 10 slots for I/O and other general modules, a slot for your chosen CPU module and a slot for the power supply module.
The RACK-400H has 5 slots for I/O and other general modules, a slot for your chosen CPU module and a slot for the power supply module.

The power supply is always put in the left most module position and the CPU module is always put in the position next to the power supply module.

Any of the I/O modules can be fitted in any I/O position as configured from within Flex32.

There is a 19" rack mounting adapter for use with the RACK-400F and RACK-400H if required, please see the additional datasheet.

For more information on any of the modules please see the relevant datasheet or the FMT-400 range overview datasheet.
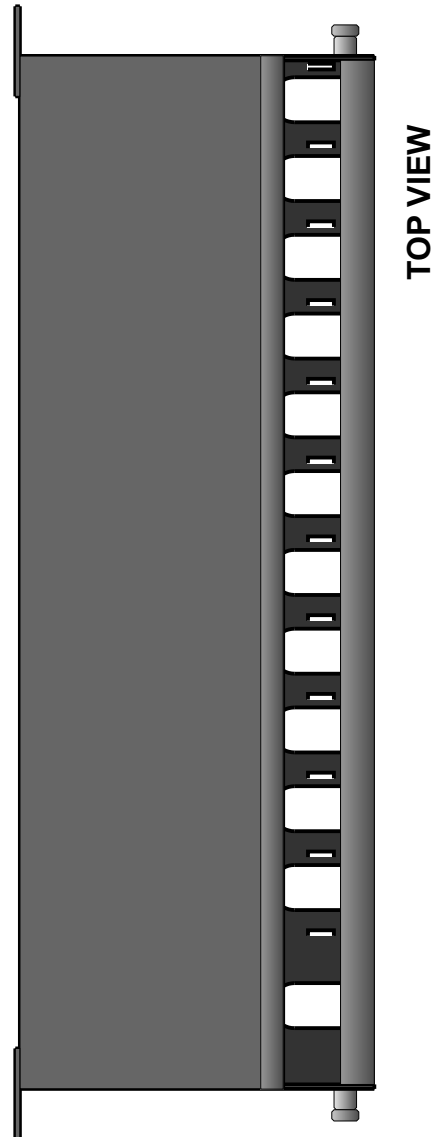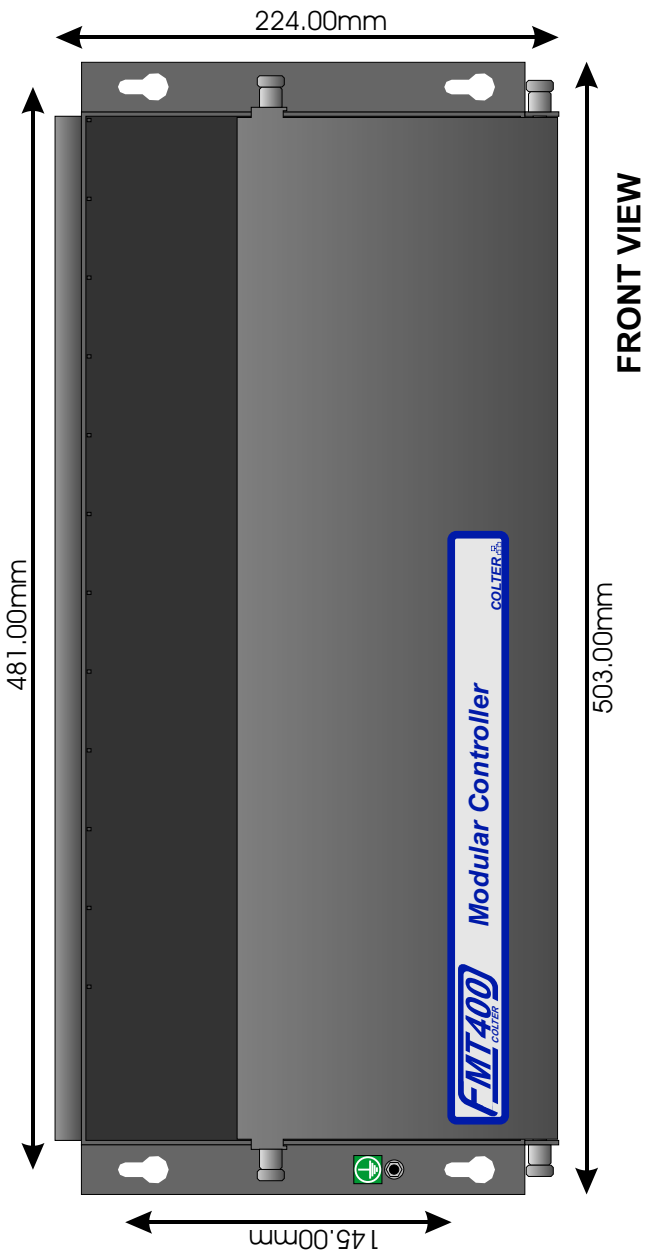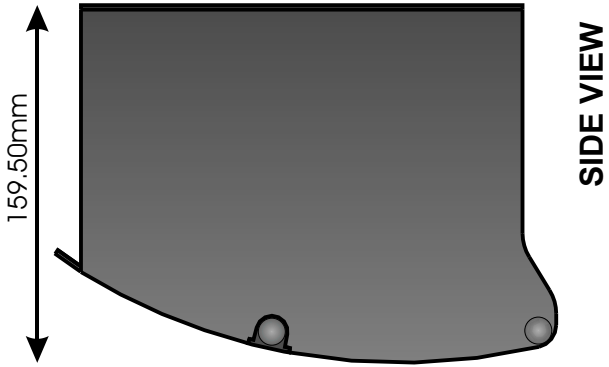
General Specifications

Storage temperature	-20 to +70 $^\circ$C
Operating temperature	0 to 55 $^\circ$C
Humidity	0-90%
Weight (RACK-400F)	5kg
Weight (RACK-400H)	3kg
Dimensions (RACK-400F)	503mm Width, 159.5mm Depth, 224mm Height
Dimensions (RACK-400H)	328mm Width, 159.5mm Depth, 224mm Height
Number of I/O module slots	5 (RACK-400H), 10 (RACK-400F)
Number of CPU module slots	1 (RACK-400H), 1 (RACK-400F)
Number of CPU module slots	1 (RACK-400H), 1 (RACK-400F)
Modules usable in RACK-400F	All modules in the FMT-400 range
Modules usable in RACK-400H	All modules in the FMT-400 range

Note: The CPU module slot in the rack is occupied by the 400-BUS-S module when the rack is being used as an I/O extension rack.
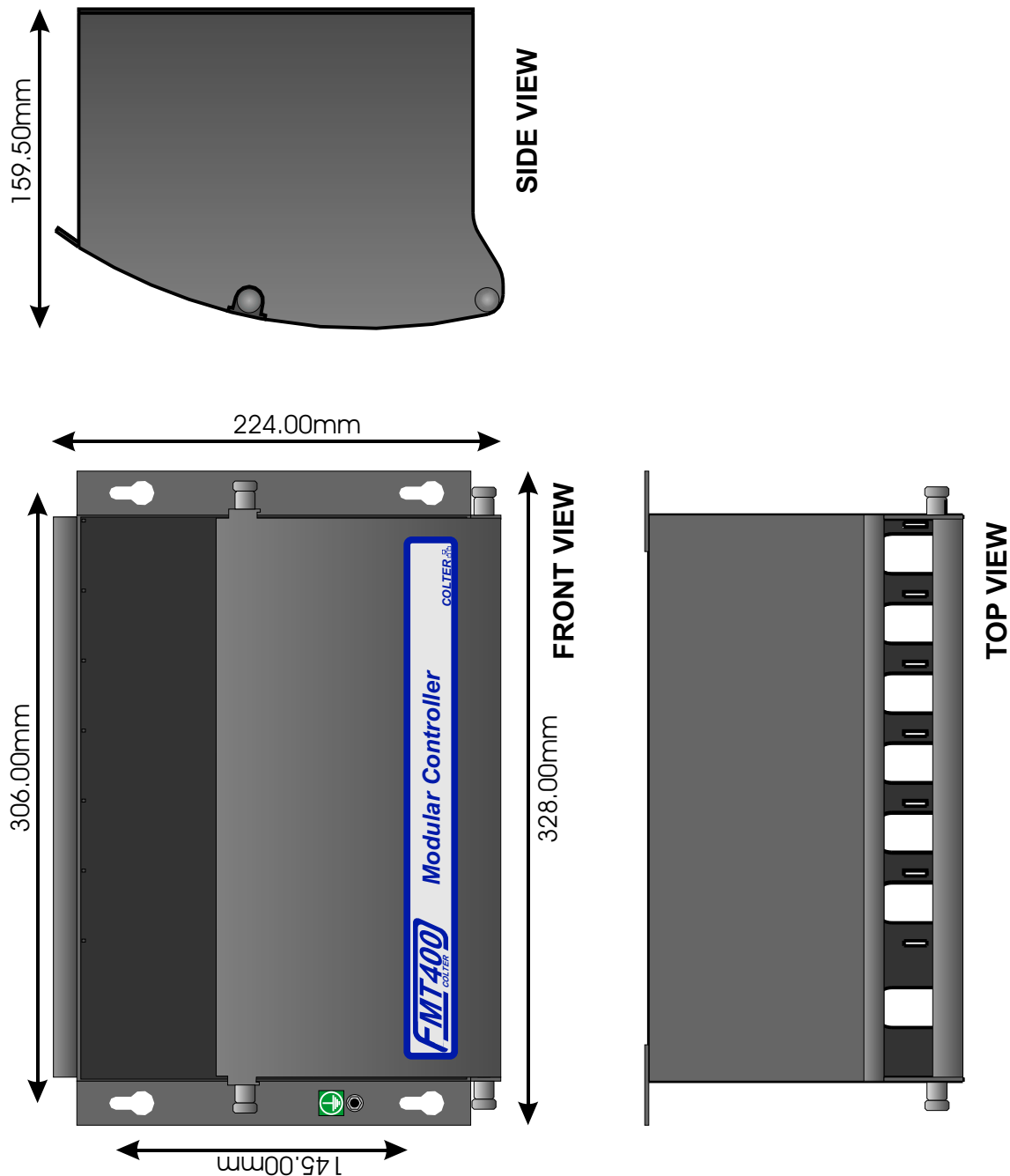
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Dimensions

Dimensions for the RACK-400F are shown below:

159.50mm

SIDE VIEW

224.00mm

FRONT VIEW

481.00mm

503.00mm

Modular Controller

COLTER

FMT400

COLTER

145.00mm

TOP VIEW

Colter Group

Dimensions

Dimensions for the RACK-400H are shown below:

159.50mm

SIDE VIEW

224.00mm

FRONT VIEW

306.00mm

328.00mm

Modular Controller

COLTER

FMT400
COLTER

145.00mm

TOP VIEW

Installation

The RACK-400F and RACK-400H are mounted by four M6 keyhole slots on centres shown in the dimensioned drawings. It is recommended that a minimum gap of 60 mm be provided from the outside of the RACK-400F or RACK-400H to any trunking around it. It is also recommended that high voltage and high current cables be routed elsewhere in the panel to avoid running next to the RACK-400.

For the purposes or electrical safety and for EMC compliance the housing should be earthed to the surrounding gear plate using the earth stud provided.

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Data Sheet Issue: 1.10
Date: 11 May 2005

Order Codes

Part Number	Description
RACK-400F	Full Rack
RACK-400H	Half Rack

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