

MCAR-02

Mounting Carrier (36 inch)

Description

The MCAR-02 is a carrier that can be screwed on any flat surface.

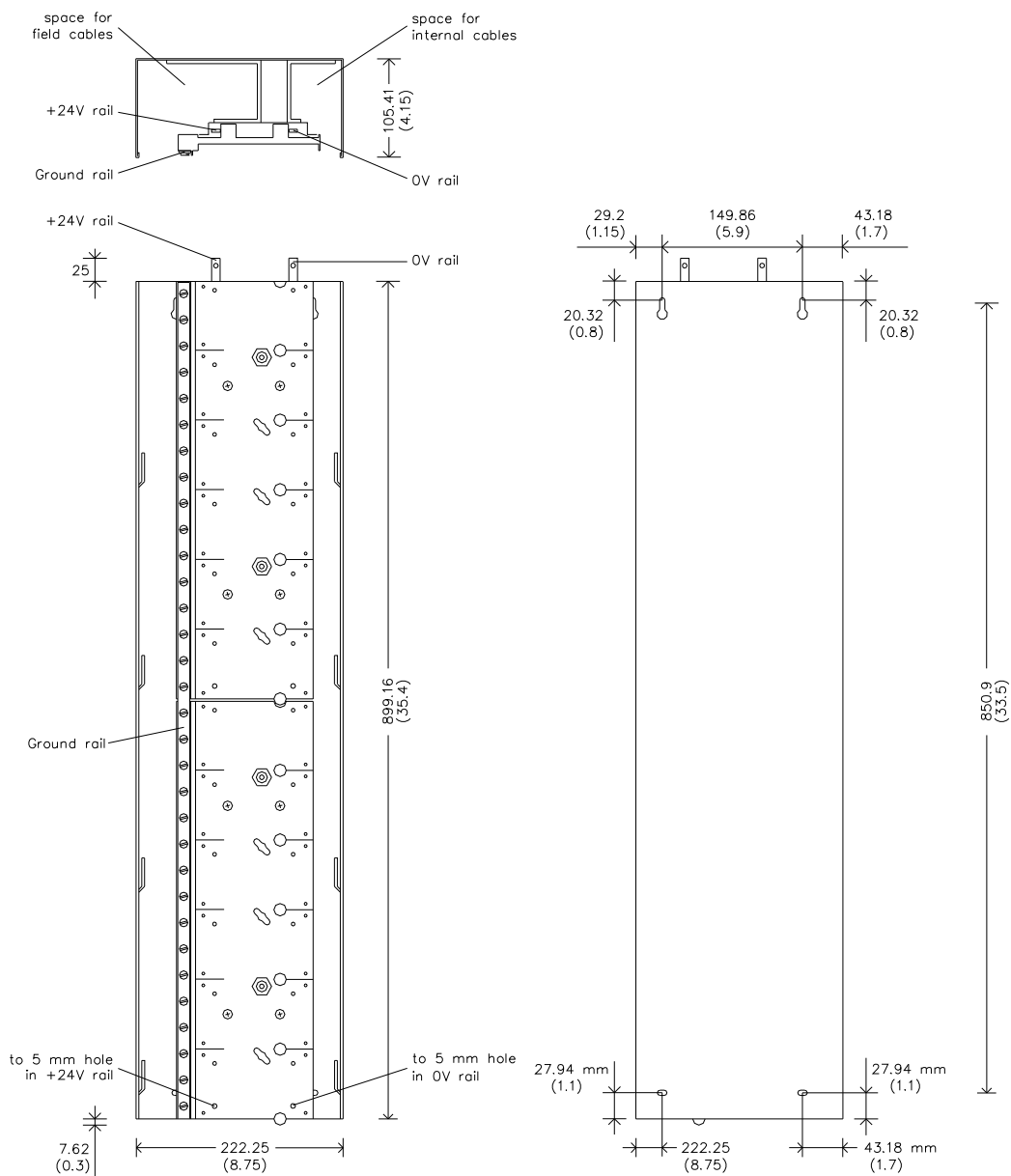
The MCAR-02 can carry two IOTA-R24 assemblies. Figure 40 on page 81 shows the physical appearance and the coordinates of the four mounting holes.

The MCAR-02 consists of:

- a Cable Carrier Assembly (CCA)
- a metal profile
- two plastic cover plates
- a ground rail with 32 ground connection screws
- two power rails with M5 holes (+24V and 0V)
- four mounting holes (use screws with a diameter <5.5 mm)

The power rails of two MCAR-02 carriers can be coupled. Use two M5 screws to connect the two power rails of the top carrier with the bottom carrier (through the 5 mm holes).

Figure 40 MCAR-02 - top, front and rear views

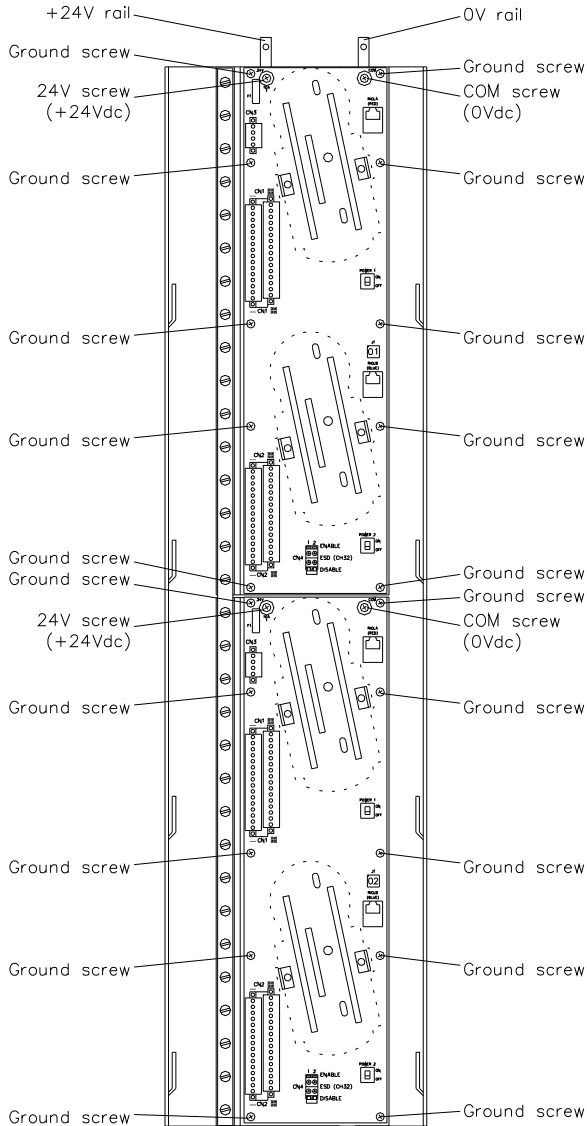


Mounting an IOTA-R24

An IOTA-R24 is fixed on the MCAR-02 with ten ground screws and two power screws (24V and COM).

24Vdc power must be connected to the MCAR-02 on the power rails using M5 screws.

Figure 41 MCAR-02 with two mounted IOTA-R24 modules

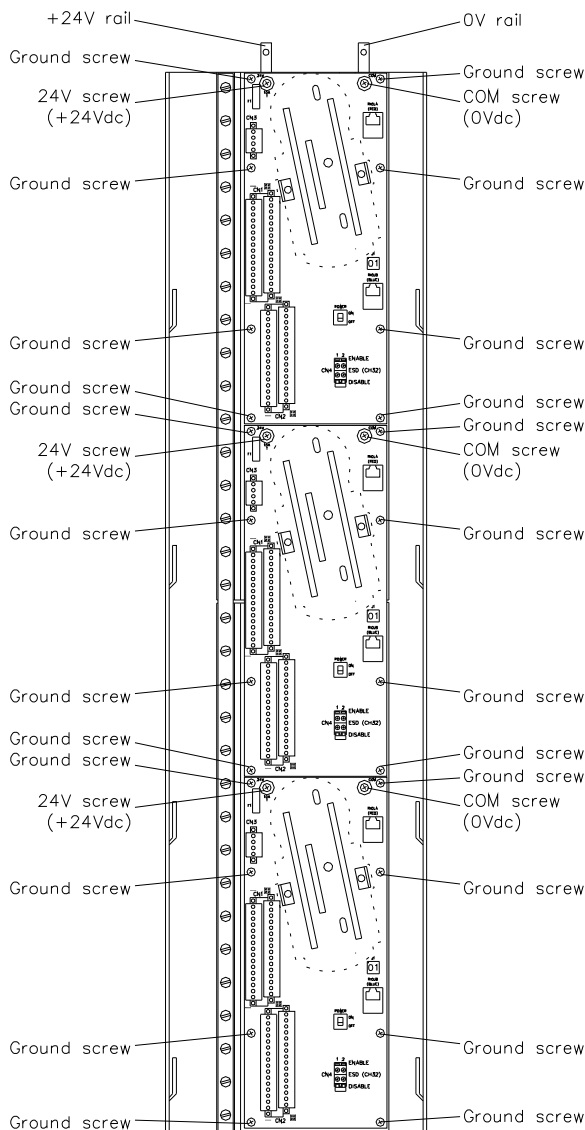


Mounting IOTA-NR24 units

Up to three (3) IOTA-NR24 units can be fixed on the MCAR-02 with eight ground screws and two power screws (24V and COM) each.

24Vdc power must be connected to the MCAR-02 on the power rails using M5 screws.

Figure 42 MCAR-02 with two mounted IOTA-NR24 modules



Technical data

The MCAR-02 has the following specifications:

General	Type number:	FC-MCAR-02
	Operating temperature:	-40 .. +70 degC (-40 .. +158 degF)
	Storage temperature:	-40 .. +85 degC (-40 .. +185 degF)
	Relative humidity:	10..95% (non condensing)
	Pollution:	Pollution degree 2 or better
	Approvals:	CE; UL pending
Power	Supply voltage:	24 Vdc -15%..+30%
	Supply current:	none
	Supply rail current:	max. 40 A
Connections	24V supply:	2 x M5 2 x 5mm hole (for coupling of carriers)
	Ground:	32 x M5
Physical Data	Dimensions (H x W x D):	105.4 x 222.3 x 931.8 mm 4.15 x 8.75 x 36.7 in
	Weight:	6.1 kg 13.4 lbs