



Safety Manager Release 162



Hardware Reference

EP-SM.MAN.6284

Issue 2.1 | December 2023

- Original Instructions -

7.6.5 Technical data

The PSU-240516 has the following specifications.

| | | |
|---------------|-----------------------------|---|
| General | Type numbers ¹ : | FS-PSU-240516 FC-PSU-240516 |
| | Operating temperature: | -5°C-+70°C (+23°F-+158°F) |
| | Storage temperature: | -40°C-+85°C (-40°F-+185°F) |
| | Relative humidity: | 10-95% (non condensing) |
| | Approvals: | CE, TUV, UL, CSA, FM |
| Power | 24 V supply voltage: | 24 V DC -15%-+30% |
| | 24 V supply current: | < 6 A at 24 V _{in} (16 A load) |
| | | < 7 A at 20.4 V _{in} (16 A load) |
| | Inrush current: | < 5 A at 24 V _{in} |
| | 5 V _{load} : | min. 0.5 A |
| | | max. 16 A |
| | 5 V _{Rload} : | min. 0.5 A |
| max. 16 A | | |
| Hold-up time: | < 1ms | |
| Physical | Dimensions: | 176 × 35.2 × 212 mm (H × W × D) |
| | | 6.93 × 1.4 × 8.35 in (H × W × D) |
| | Weight: | 0.85 kg |

Note:

1. Modules with suffix code V1.1 contain modified components. There are no functional changes.

7 Control Processor modules

7.7 Controller power supply configuration

7.7 Controller power supply configuration

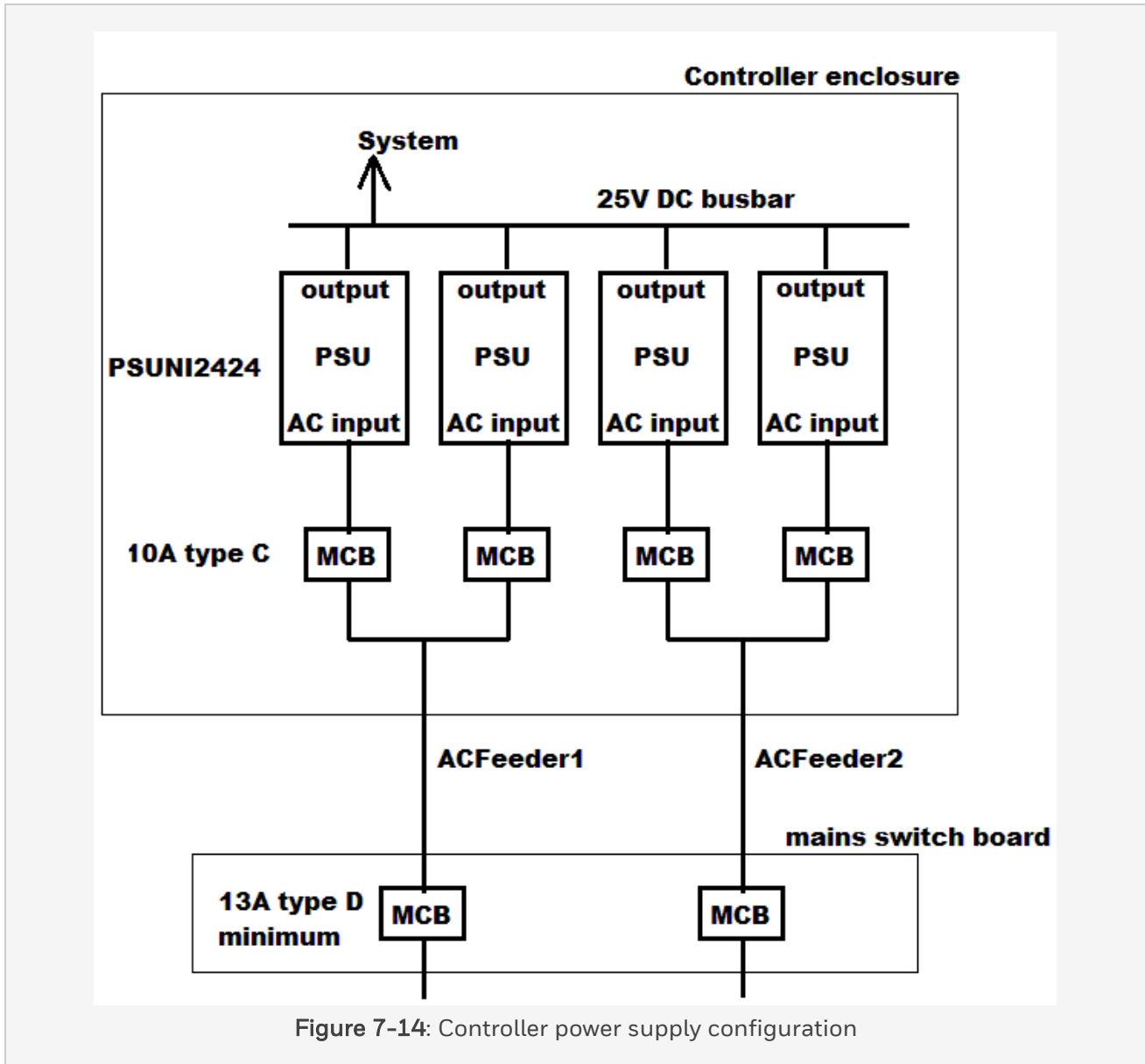


Figure 7-14: Controller power supply configuration

The mains switch board mini circuit breaker or fuse needs to support 120 A inrush current. It is supported with 13 A type D circuit breaker or higher.