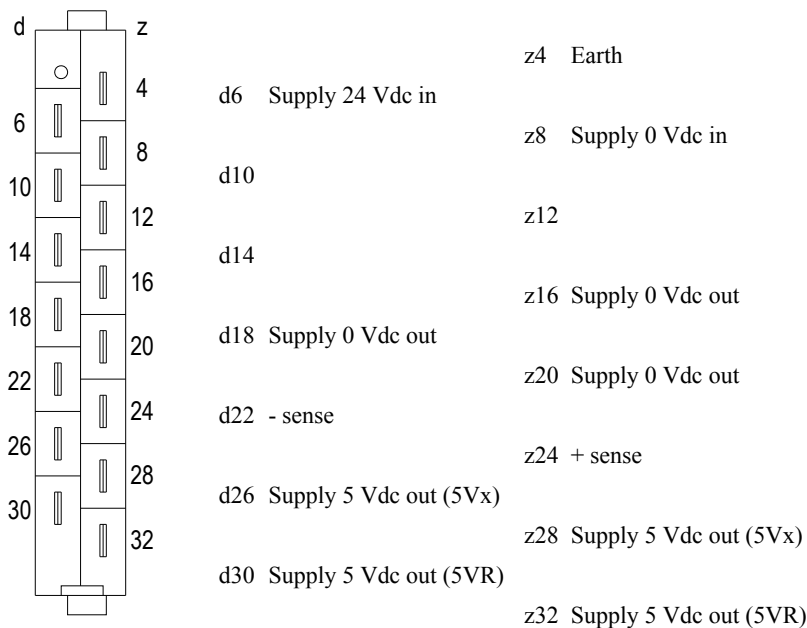


Pin allocation

The back view and pin allocation of the PSU-240516 module are as follows:



Status LED

Table 48 on page 287 lists the possible LED status indications that are visible at the front side of the PSU-240516 module.

Table 48 LED indicators of the PSU-240516 module

LED	Status	Description
STATUS	Off	The (24 Vdc) power on the module is down or too low.
	Red	The 5 Vdc output level is too low.
	Green	The 5 Vdc output level is within range.

Additional functionality

The PSU-240516 module has a galvanic isolation of:

- ≥ 2.5 kVdc between the 24 Vdc input and the 5 Vdc outputs.
- ≥ 1 kVdc between the 24 Vdc and the casing of the PSU-240516.
- ≥ 1.5 kVdc between the 5 Vdc outputs and the casing of the PSU-240516.

Technical data

The PSU-240516 has the following specifications.

General	Type number ^{1 2} :	FS-PSU-240516 V1.1 FC-PSU-240516 V1.1
	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 Vdc -15%—+30%
	24 V supply current:	< 6 A at 24 Vin (16 A load) < 7 A at 20.4 Vin (16 A load)
	Inrush current:	< 5 A at 24 Vin
	5 V _{load} :	min. 0.5 A max. 16 A
	5 VR _{load} :	max. (16 A—5V _{load})
	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

- 1 FS-type modules are non conformal coated modules.
FC-type modules are conformal coated modules. Conformal coated modules have the letters "CC" preceding the version number.
- 2 Modules with suffix code V1.1 contain modified components. There are no functional changes.