

General Specifications

MC-569-02

ProSafe-SLS™

GS48C69Z02-00E-N

Power Supply Module (24/8 Vdc)

■ GENERAL

This power supply module is intended for feeding the ProSafe-COM communication system. The module provides a stabilized 8 Volt, +12 Volt and -12 Volt.



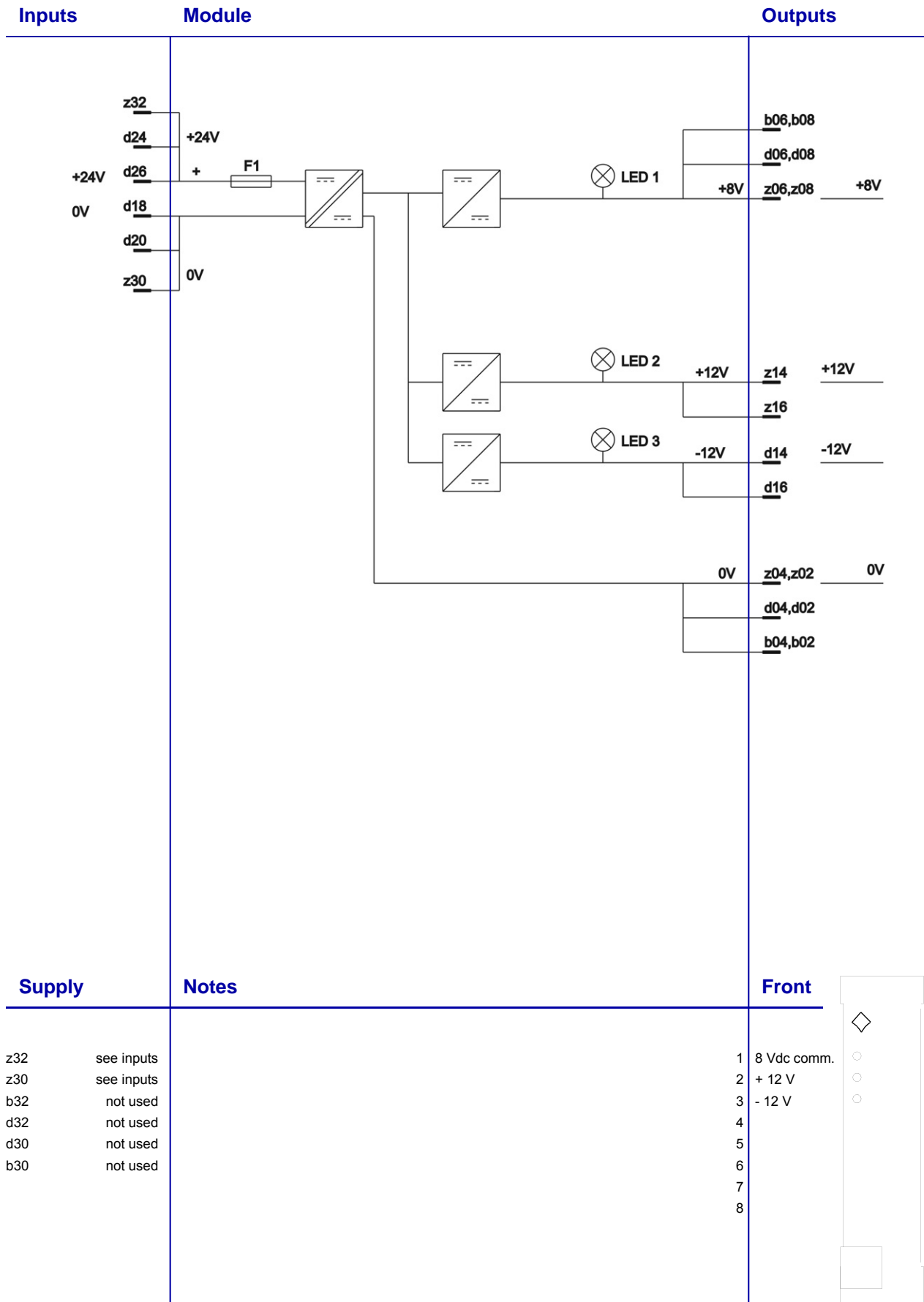
The input power will be connected to the 24 Volt field supply and is fuse protected.

The 8 Volt output is sufficient for at least 32 communication modules.

The +12 Volt and -12 Volt outputs can be used for RS-232 communication supply or auxiliary supply

The module is provided with 3 red LEDs, indicating the regulated output voltages.

FUNCTIONAL DIAGRAM



■ SPECIFICATIONS

Description		Data
General	Number of channels	1 (3 sub channels)
	Width	6HP
	Identification	MC-569 on front and more detailed on connector label
	Weight	240 gram
Input	Supply	Field supply
	Voltage	24 Vdc \pm 10%
	Ripple	Max. 1 V top-top
	Current	120 mA at 24 Vdc with no load 2.05 A at 24 Vdc with 40 W load
	Fuse	3.15 A fast
Output	Stabilization	Pulse width modulation
	Efficiency	> 80% with 40 W load
	Output 1	Communication modules supply
	Voltage	8 Vdc \pm 0.5 V
	Current	Max. 5 A with no load at output 2 and 3 Max 4.4 A with full load at output 2 and 3
	Status indication	Red LED
	Output 2	RS-232 / auxiliary supply
	Voltage	+12 Vdc \pm 0.5 V
	Current	Max. 200 mA
	Status indication	Red LED
	Output 3	RS-232 / auxiliary supply
	Voltage	- 12 Vdc \pm 0.5 V
	Current	Max. 200 mA
Status indication	Red LED	
Supply		See 'Input'
Dissipation		3 W with no load 10 W with 40 W load

■ NOTES