

General Specifications

AF-533-B4

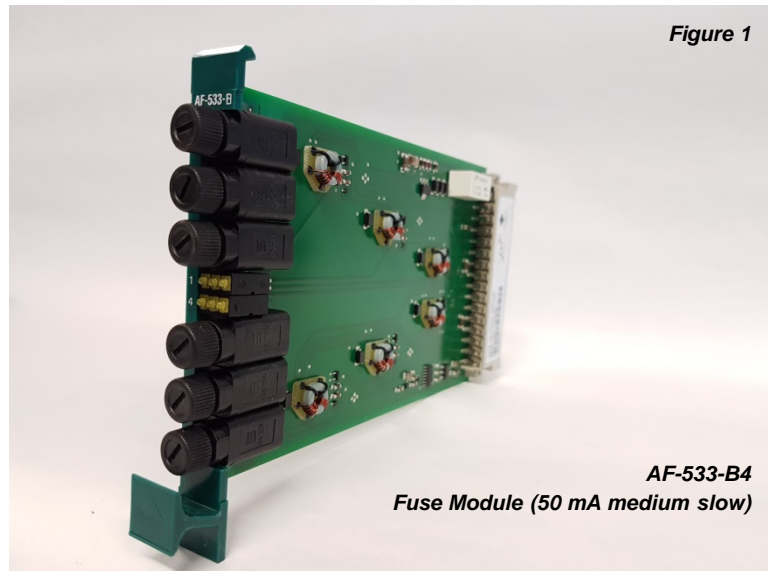
ProSafe-SLS™

GS48C33B04-00E-N

Fuse Module (50 mA medium slow)

■ GENERAL

Alarming fuse module with indication for general purpose.



This alarming fuse module has 6 channels. Each channel has a front accessible fuse with LED indication.

The module is also provided with a common annunciating contact and a common dc current sink output.

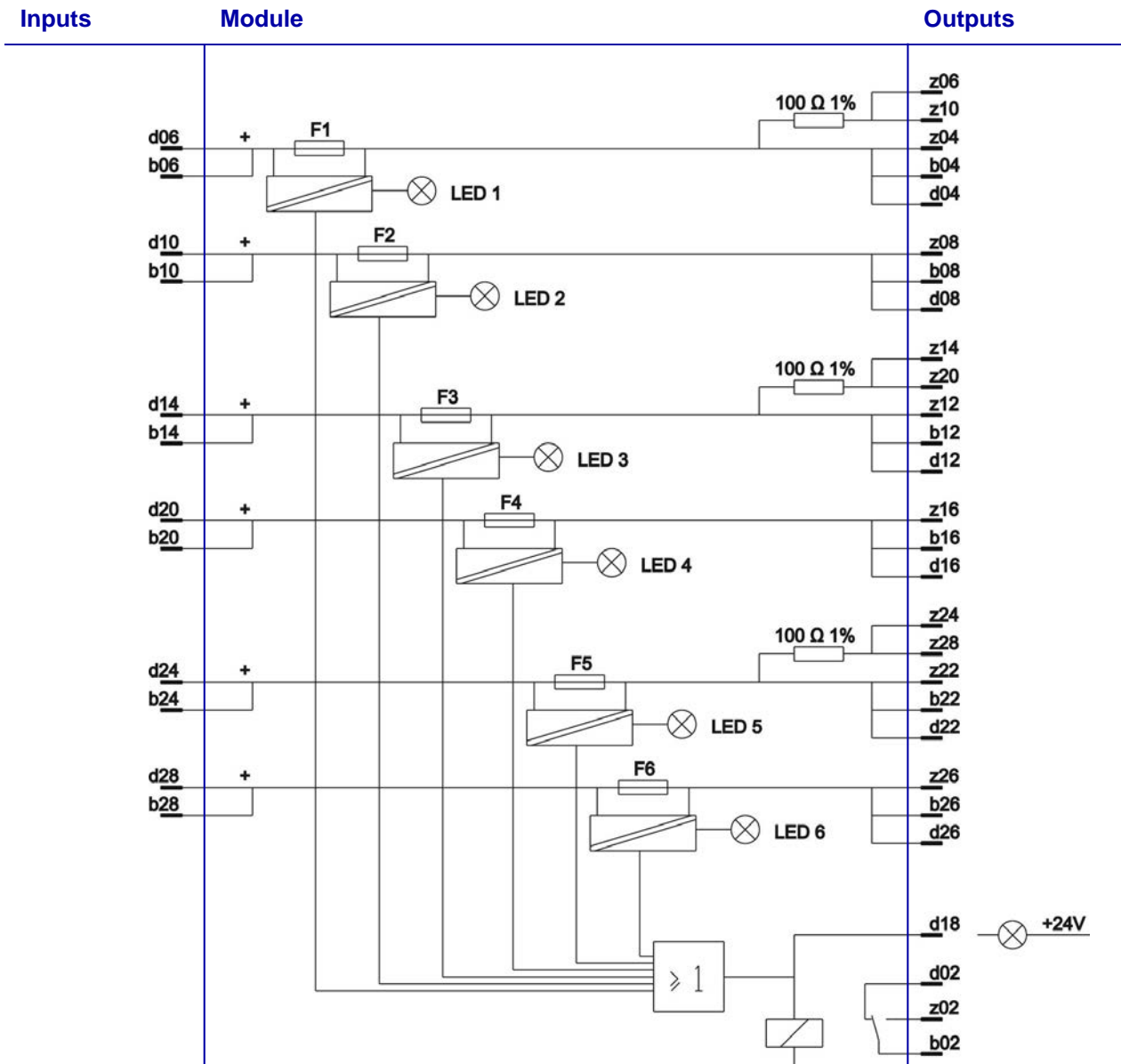
The channels are galvanically isolated.

A free-running oscillator controls a toroidal core transformer. In case of transfer of pulses, the annunciator circuit is activated. The fuse functions as a short-circuit winding. If the fuse is intact, there will be no transfer of pulses and hence no annunciations.

The module is provided with 6 yellow LEDs, indicating a blown fuse of each channel.

If necessary users are allowed to fit different fuse values according project documentation.

FUNCTIONAL DIAGRAM



Supply	Notes	Front
z32	24 Vdc field	1 fuse 1
z30	0 Vdc field	2 fuse 2
b32	not used	3 fuse 3
d32	not used	4 circuit 1 2 3 ye
d30	not used	5 circuit 4 5 6 ye
b30	not used	6 fuse 4
		7 fuse 5
		8 fuse 6



■ SPECIFICATIONS

Description		Data
General	Number of channels	6
	Width	3HP
	Identification	AF-533-B on front and more detailed on connector label
	Weight	150 gram
Input	Fuse	50 mA medium slow fuse, max. 600 mV voltage drop
	Fuse size	Glass 5 x 20 mm
	Voltage	Max. 150 Vdc
	Current	Max. 50 mAdc
	Auxiliary resistors	100 Ω, 1% 0.3 W (channels 1, 3 and 5)
Output	Contact output	Relay contact SPDT
	Voltage	60 Vdc, 48 Vac
	Current	0.5 A
	Minimum switching load	1 V and 0.5 mA
	Solid state output	Current sink solid state, unprotected
	Voltage	24 Vdc
	Current	Max. 20 mA
	Status indication	Yellow LED per channel
Propagation	On delay	70 ms (fuse blown to contact output)
Supply	Field supply	24 Vdc ± 10% Max. 1 V top-top ripple 8 mA with all fuses ok 25 mA with all fuses blown
Dissipation		0.2 W with all channels at 0 A, all fuses ok 0.4 W with all channels at 50 mA

■ NOTES