

General Specifications

FO-526-03

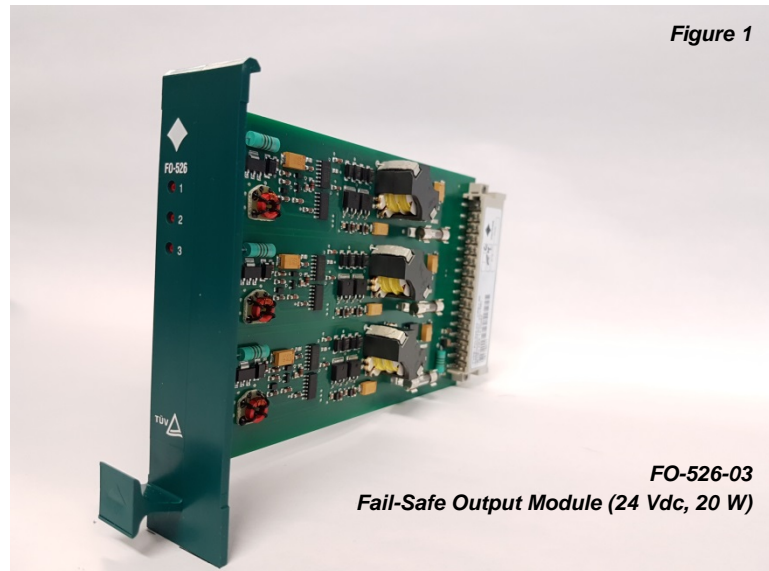
ProSafe-SLS™

GS48C26Z03-00E-N

Fail-Safe Output Module (24 Vdc, 20 W)

■ GENERAL

The module converts 3 logic output channels into 24 Vdc outputs.



The outputs are able to drive loads of 5-20 W. The outputs are galvanically isolated.

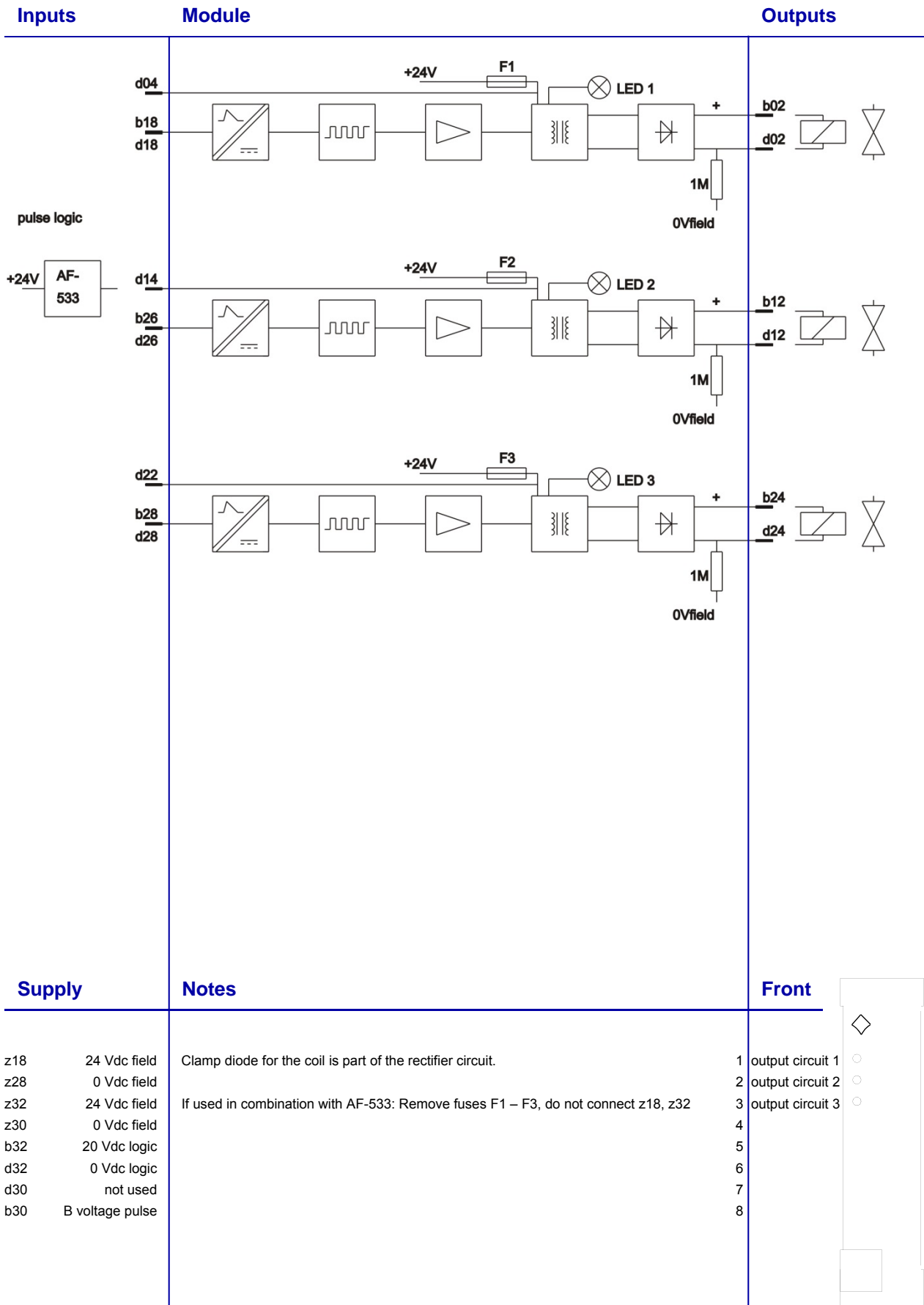
The outputs are of the fail-safe type intended for de-energized to trip systems. Outputs can be used to drive solenoid valves

The outputs are short circuit protected, by means of a fuse.

The time-on and time-off delay is between 5-15 ms.

The module is provided with 3 red LEDs indicating the presence of the output voltages.

FUNCTIONAL DIAGRAM



■ SPECIFICATIONS

| Description | | Data |
|-------------|----------------------|--|
| General | Number of channels | 3 |
| | Width | 6HP |
| | Identification | FO-526 on front and more detailed on connector label |
| | Weight | 180 gram |
| Input | Pulse logic | Current pulse 500 mA |
| | Unit load | 1 |
| Output | Output type | Isolated dc / dc-converter output, fail-safe |
| | Voltage | 24 Vdc + 10%, - 5% and field voltage tolerance |
| | Current | 0.85 A |
| | Minimum load | 0.5 W ¹ |
| | Isolation resistance | 1 M Ω (minus terminal to 0 V field) |
| | Efficiency | > 85% at full load |
| | Supply fuse | 2 A fast |
| | Status indication | Red LED per output |
| Propagation | On delay | 5 – 15 msec. |
| | Off delay | 5 – 15 msec. (full load) |
| Supply | Field supply | 24 Vdc \pm 10% < 1 V top-top ripple 3 A |
| | Logic supply | 20 Vdc 1 mA |
| | Clock | B pulse, level 0 / 20 V |
| Dissipation | | 10 W with full load |

¹ Minimum load 0.1 W is allowed but output voltage will be higher.

■ NOTES