

# General Specifications

## DO-524-03

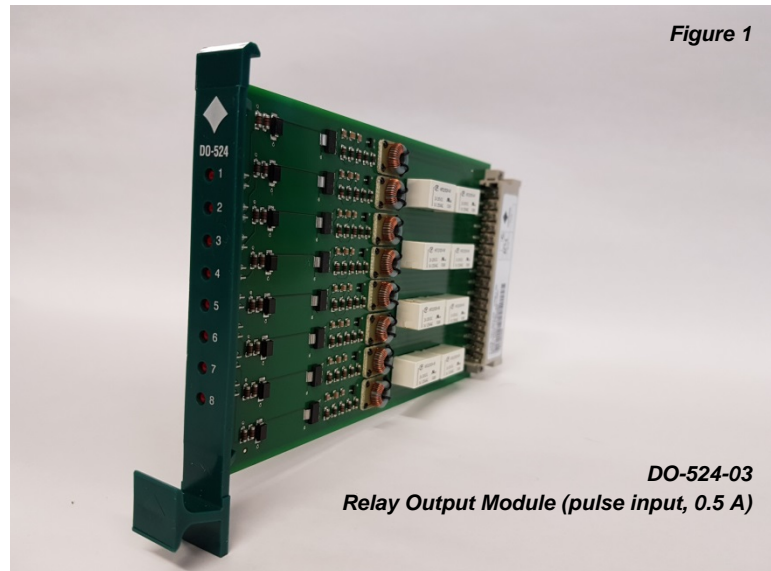


GS48C24Z03-00E-N

Relay Output Module (pulse input, 0.5 A)

### ■ GENERAL

This Relay Output module has 8 channels. Each channel converts pulse logic signals to a galvanically isolated switch over contact.

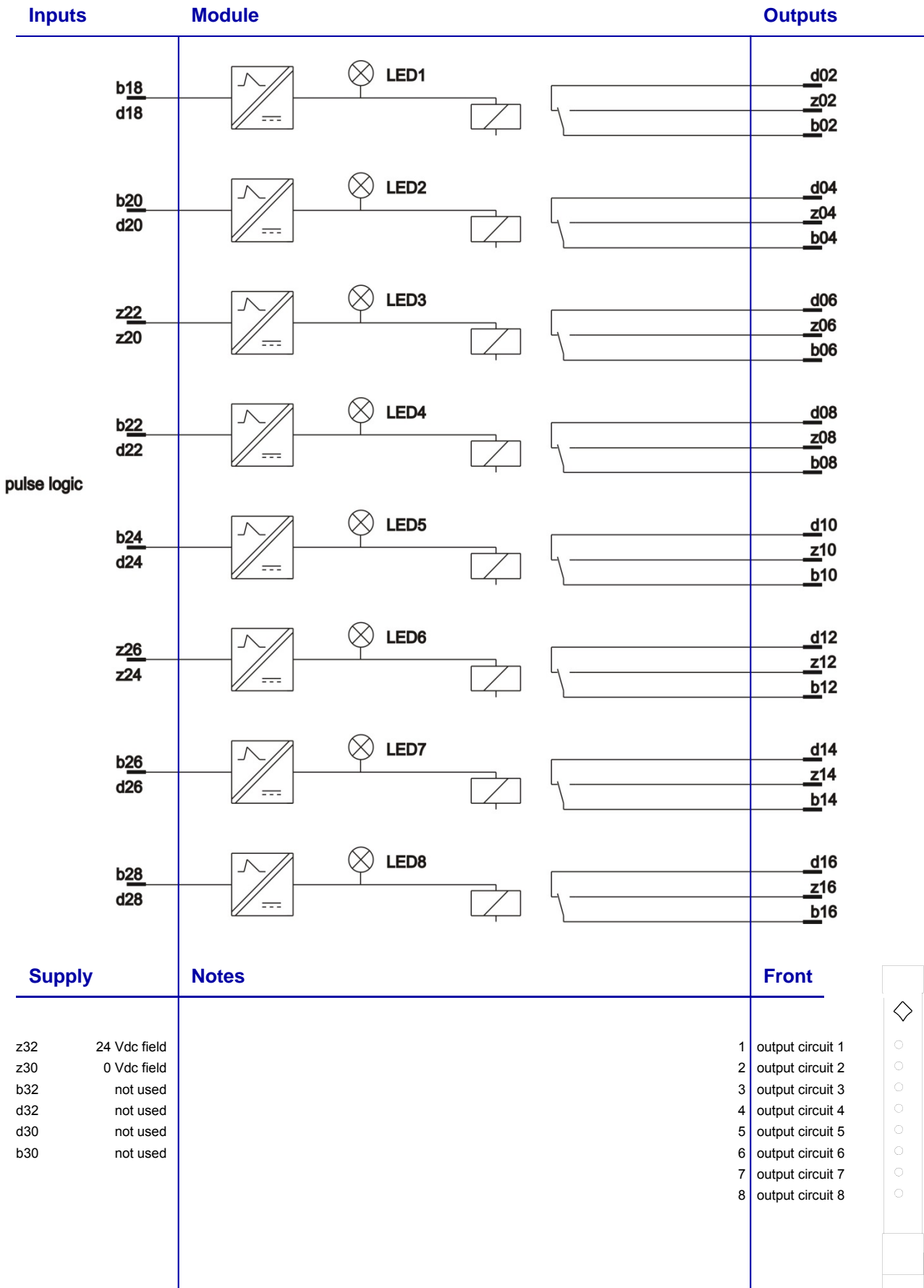


This relay output module converts current pulses to a galvanically isolated switch over contact. The incoming signal is linked by a toroidal core transformer and converted to a dc signal which switches the relay.

The module is intended for switching small loads. The maximum switching current is 0.5 A.

The module is provided with 8 red LEDs, indicating the active relay status of each channel.

FUNCTIONAL DIAGRAM



## ■ SPECIFICATIONS

Description		Data
General	Number of channels	8
	Width	3HP
	Identification	DO-524 on front and more detailed on connector label
	Weight	145 gram
Input	Pulse logic	Current pulse 500 mA
	Unit load	1
Output	Contact output	Relay contact SPDT
	Voltage	60 Vdc, 48 Vac
	Current	0.5 A
	Minimum switching load	1 V and 0.5 mA
	Switching lifetime	$5 \times 10^5$ operation at maximum load
	Status indication	Red LED per output
Propagation	On delay	2 - 10 msec.
	Off delay	5 - 20 msec.
Supply	Field supply	24 Vdc $\pm$ 10% Max. 1 V top-top ripple < 1 mA with all channels off 90 mA with all channels on
Dissipation		2.2 W with all channels on

■ NOTES