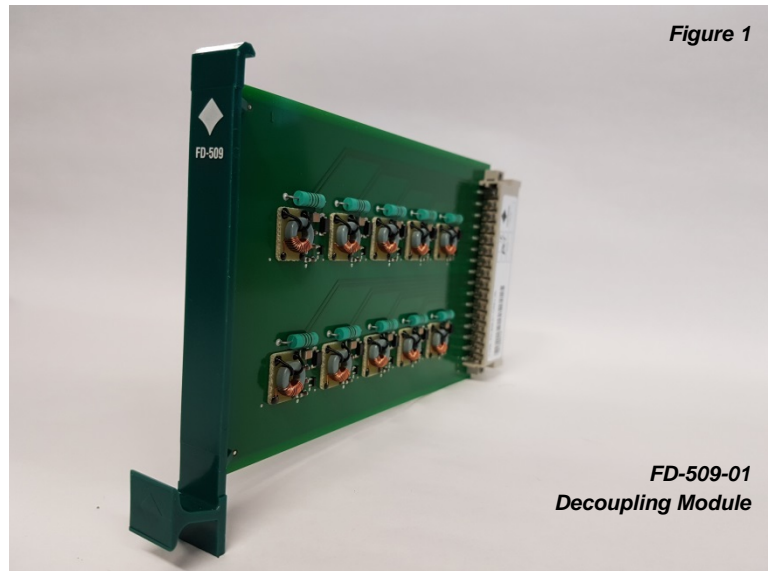


■ GENERAL

This module is used for decoupling of fail-safe and non fail-safe modules.



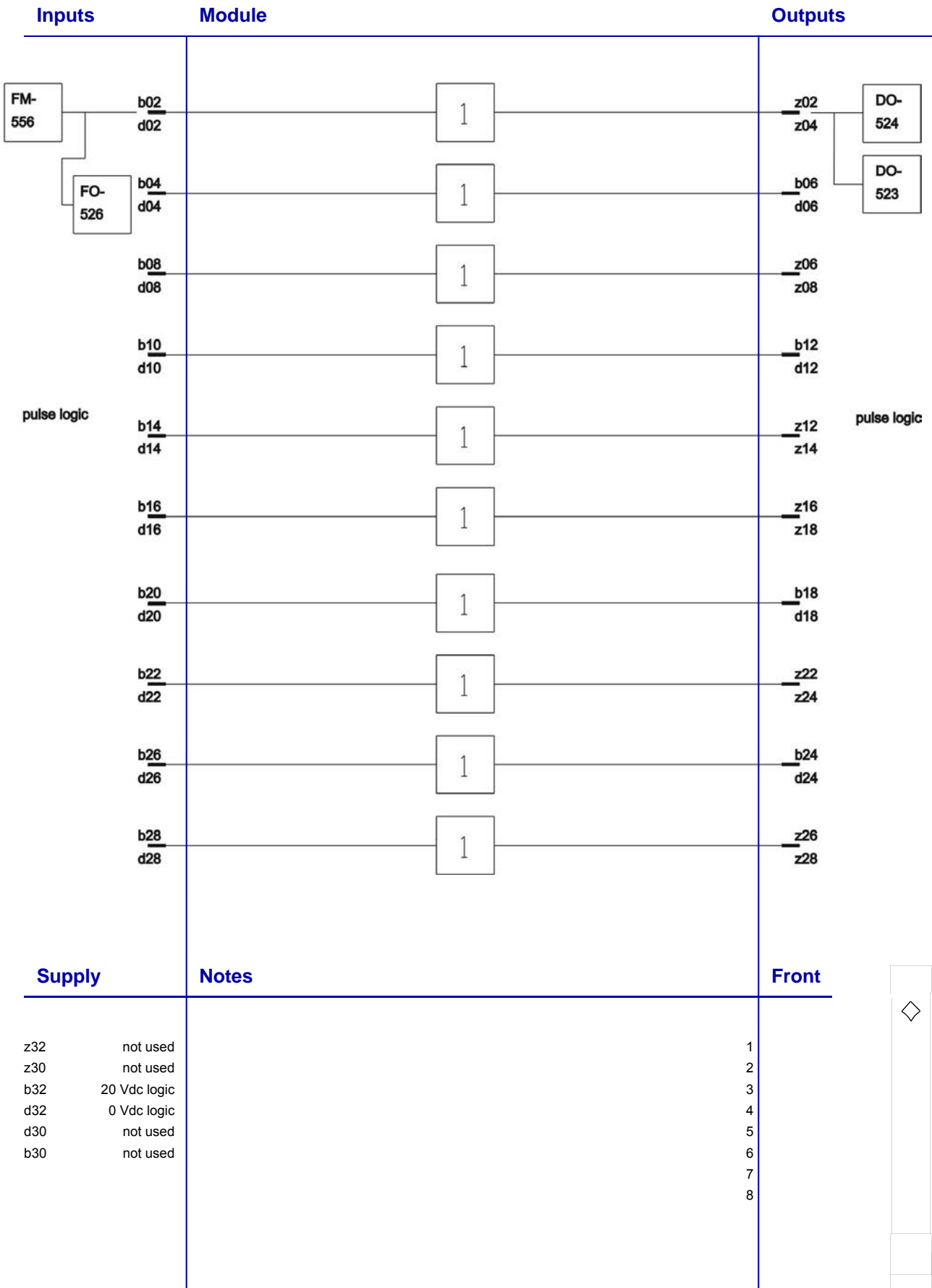
The module contains ten decoupling circuits. Each circuit has a current pulse input and output.

The module has a number of typical characteristics:

- Galvanic isolation
- No significant time delay between input and output

The decoupling circuits may be placed between the fail-safe logic circuits and a non fail-safe output module. When this output module must be replaced during operation (e.g. to replace a blown fuse on an output module) the logic signal is not influenced. Without the use of a decoupling circuit, the logic signal would be lost, which could cause a trip.

■ FUNCTIONAL DIAGRAM



■ SPECIFICATIONS

Description		Data
General	Number of channels	10
	Width	3HP
	Identification	FD-509 on front and more detailed on connector label
	Weight	115 gram
Input	Input type	Current pulse 500mA
	Unit Load	1
Output	Output type	Current pulses 500 mA
	Capacity	10 units
Supply	Logic supply	20 Vdc < 12 mA
Dissipation		< 0.3 W

■ NOTES