

# Safety Relay Board FGR 50

Universal DIN-Rail Mount Board with one force guided relay

Wiring Diagrams for **FGR50** with **H-462**, or **D-OA 56.01 & .02** Relays

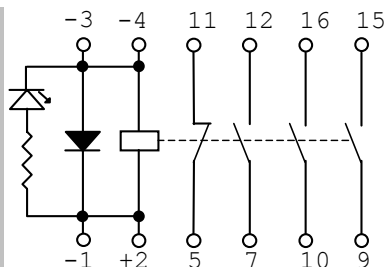
## Installation Remarks

- Turn off all power supplies before any installation work
- Be aware of all safety rules and guidelines of OSHA and other associations as they apply.
- Installer and/or operator must be a qualified professional.
- Do not demount the unit or remove any wires while relay operates.
- Conductor cross section 0.08 to 2.5 mm<sup>2</sup> (AWG 28 to 14)

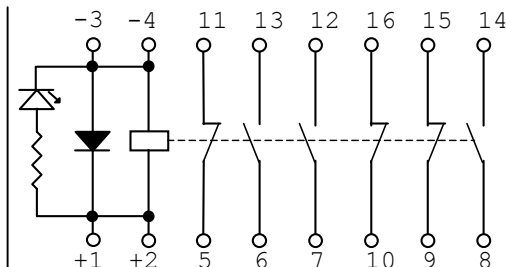
All dimensions shown are metric (mm)

## For conversion:

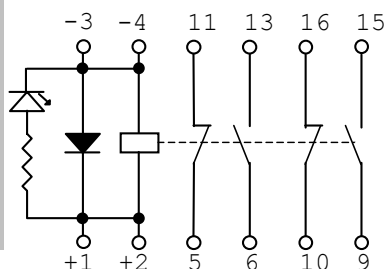
1 mm = 0.03937 inch  
1 inch = 25.40 mm



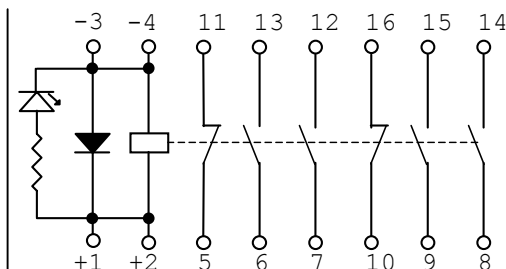
Wiring Diagram 310: 3NO/1NC



Wiring Diagram 330: 3NO/3NC



Wiring Diagram 220: 2NO/2NC



Wiring Diagram 420: 4NO/2NC

## Dimensions

Width: 40.70 mm (1.62 inch)  
Length: 125.20 mm (4.93 inch)  
Height: See table below (depends on relay brand and relay type)

Height		PCB mount		Socket mount	
BRAND	TYPE	mm	inch	mm	inch
HENGSTLER	H-462	78.1	3.07	88.1	3.47
DOLD	OA56.01/.02	68.4	2.69	78.7	3.10

