

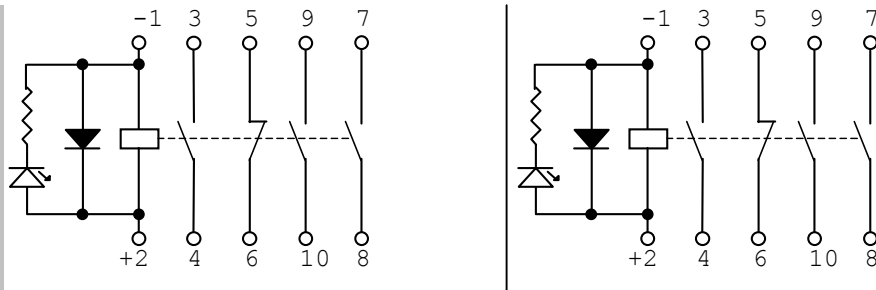
# Safety Relay Boards FGR 52-4

Universal DIN-Rail Mount Board with two 4-pole force guided relays

Wiring Diagrams for **FGR52-4** with **FGR35-4pole**, **H-463**, **K-ROS**, or **D-OA 56.11** Relays

## Installation Remarks

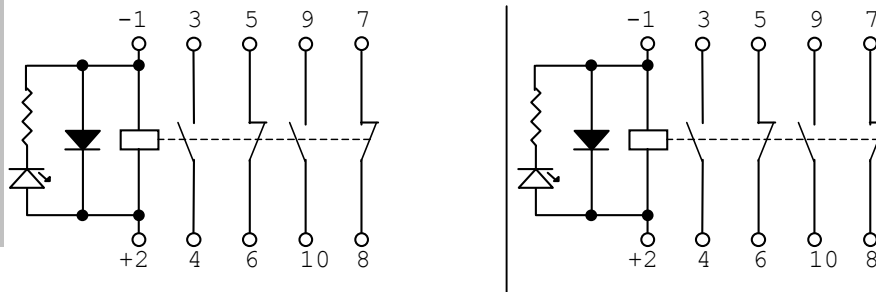
- Turn off all power supplies before any installation work.
- Be aware of all safety rules and guidelines of OSHA and other associations as they apply.
- Installer and/or operator must be a qualified professional.
- Do not demount the unit or remove any wires while relay operates.
- Conductor cross section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



Relay 1

Wiring Diagram 310: 3NO/1NC

Relay



Relay 1

Wiring Diagram 220: 2NO/2NC

Relay

All dimensions shown are metric (mm)

For conversion:  
1 mm = 0.03937 inch  
1 inch = 25.40 mm

## Dimensions

Width: 64.4 mm (2.54 inch)  
Length: 92.5 mm (3.64 inch)  
Height: See table below (depends on relay brand and relay type)

* Maximum unit Height		PCB mount		Socket mount	
BRAND	TYPE	mm	inch	mm	inch
FGR	FGR35-4p	61.5	2.42	71.5	2.82
HENGSTLER	H-463	67.8	2.67	76.8	3.03
KACO	ROS	61.2	2.41	NA	NA
DOLD	OA56.11	60.3	2.38	NA	NA

