G6D-F4PU Terminal Relay
Product Guide

Overview

For panel builders, OEMS and customers seeking to reduce their panel size or implement on-line I/O panels, G6D-F4PU and G3DZ-F4PU provide an effective and scalable solution. Mechanical and solid-state relay options are available and allow the purchase of one part with four relays for PLC I/O control.

With a product depth of 35mm, G6D-F4PU and G3DZ-F4PU are ideal for very small machine panels or I/O panels on a production line. The separate mechanical relay contacts are rated up to 5A.

Applications

- Linking Box (or relay box) on conveyors
- On Machine Operating Panel
- Inside of small machines
- PLCs with I/O cards for 500mA (can switch up to 5A).

Primary Benefits

- More I/O interposing options depending on the number of I/O points
- Smaller volume required for 4-relay package
- Less infrastructure change when upgrading controller with AC outputs

Key features

- 5A rating for the mechanical relay contact
- Mechanical and power MOS FET relay models are available
- Push-In plus terminals help reduce wiring work and the need for re-tightening screws
- Each relay has independent input and contacts for PLC output compatibility
- LED operation indicator, diode for coil surge absorbing and tools for easy removal
- UL and CSA cer tification for standard models

G6D-F4PU Product Selection

Mounting Relay Type	Contact Form	Part Number	Operation Coil Rating	Contact Rating
Mechanical Relay	SPST X 4 (1NO X 4)	G6D-F4PU DC12	12 VDC	5A @ 250VAC/30VDC
		G6D-F4PU DC24	24 VDC	5A @ 250VAC/30VDC
Power MOS FET Relay		G3DZ-F4PU DC12	12 VDC	100µA - 0.3A (3-264VAC/3-125VDC)
		G3DZ-F4PU DC24	24 VDC	100µA - 0.3A (3-264VAC/3-125VDC)

Related I/O Products

Product Name	G2RV-SR	G6D-F4PU	G2RV-SR	G70V
Type	1 point	4 point	8 point	16 point
Description	Slim I/O Relay	Terminal Relay 4-point	8 point Slim I/O Relay	I/O relay terminal 16 point