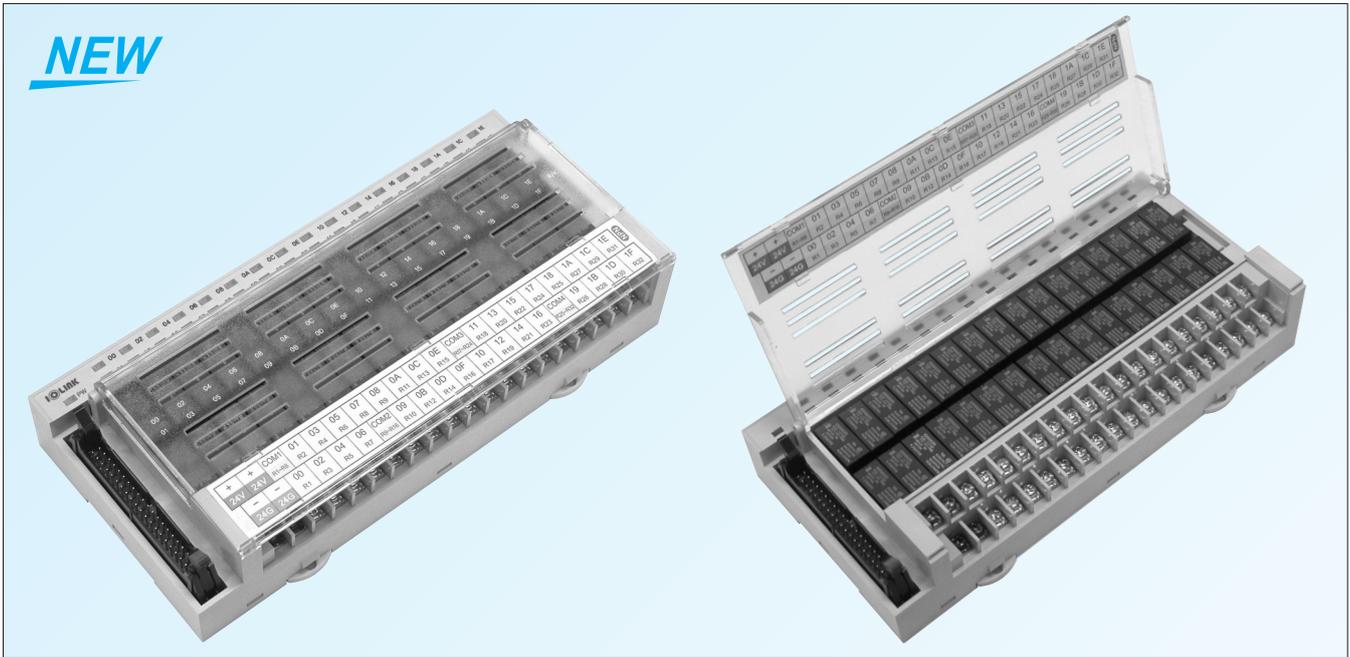


R32G Series (32points, mounting OMRON G6B Relay & 8 points Common for load)



Relay board mounting OMRON G6B relay strong against inductive load

3



Features

- 32 points Relay Board with G6B Relay(breadth 10mm)
Domestic First 32 ports Relay board mounting 10mm relay.
The attachment area for control is reduced
- OMRON G6B-1174P-FD-US relay mounted
 - Long-life relay board strong against inductive load, capacity load
 - As it uses AgSnIn as contact material, it is strong against surge.
- Convenient Functions for the benefits of users
 - As a contact LED is attached, it is easy to check the state of motion
 - As a tool for the replacement of relay is basically supplied, it is easy to maintain and repair it.
- Improved Stability and Convenience
 - As the Relay is so designed that LED for checking out the operation state of Relay can be attached and it can be mounted on Channel, the work performance is improved.
 - With a built-in circuit absorbing a surge, it is possible to protect Contact Point and prevent abnormal operation.
- Safe Design meeting the requirements of PL (Production Liability) Code
 - The product whose components and PCB are exposed to the outside incurs any safety accident due to an electric shock, and abnormal operation due to dust. But, our product is enclosed in a case and is designed in a very electrically safe structure.
- Supply of cable that can be connected to various PLC and Controller
 - Keeping sufficient inventory of connectors that can be used for domestic/foreign PLC, M/C, DCS, DDD, etc. all the time, we can supply any order of small quantity but large kinds.
- Applicable Cable Specification
 - The Specification of connection cable with various PLCs is same as R32C. Please see page 160 to 185.

Model Selection

Model	Installation relay	Point(s)	Rated voltage	Common		Interface		Demension (W*D mm)	Mounting method
				Coil	Contact	Coil	Contact		
R32G-NT	OMRON G6B-1174P-FD-US DC24V	32Point (1a*32)	24V DC	NPN	8points common	Connector MIL-C-83503 40Pin	Screw terminal 7.62 Pitch 40Pole	189.0*88.0	DIN Rail (Channel)
R32G-PT				PNP					

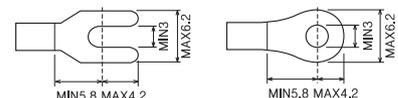
G6B Relay specifications

Item		G6B-1174P-FD-US DC24V
Contact	Arrangement	SPST-NO (1a)
	Nominal switching capacity(resistive load)	5A 250V AC / 5A 30V DC
	Max. switching current	5A
	Max. switching voltage	380V AC / 125V DC
Coil	Nominal voltage	24V DC
	Pick-up voltage	70% max. of Rated voltage
	Drop-out voltage	10% min. of Rated voltage
	Coil resistance	2,880Ω
	Nominal operation power	Approx. 200mW
Impulse withstand voltage. between coil and contact		6,000V
Initial breakdown voltage between contact and coil		AC 3,000V 50/60Hz 1min
Country of origin		JAPAN

Material/Specification

Case	Modified PPO
Cover	Polycarbonate
P.C.B	Epoxy 1.6t / 2oz
Applicable	1.25mm ² / MAX
Terminal screw	M3.5 X 8L
Screw torque	1.2N · m(12Kgf · cm)
Ambient temperature	-10℃ ~ +50℃

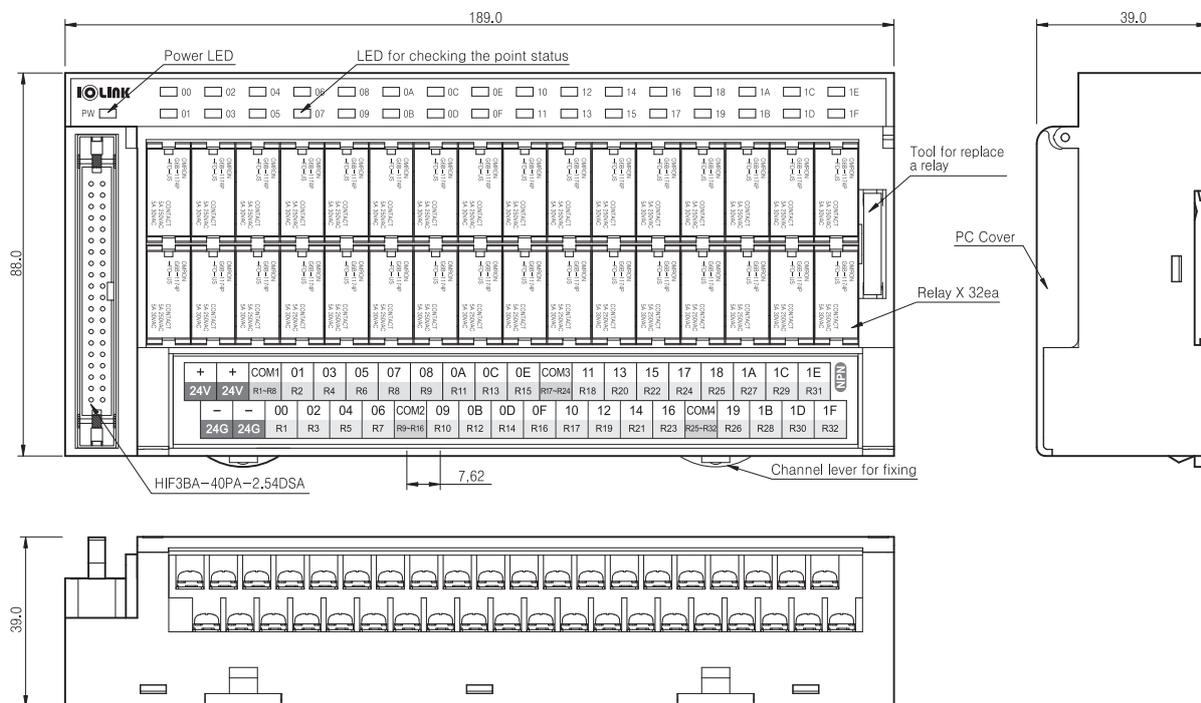
Applicable crimp terminal



CE R32G Series (32points, mounting OMRON G6B Relay & 8 points Common for load)

Relay board mounting OMRON G6B relay strong against inductive load

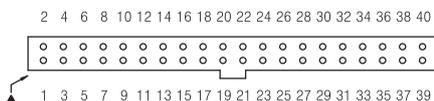
Dimension



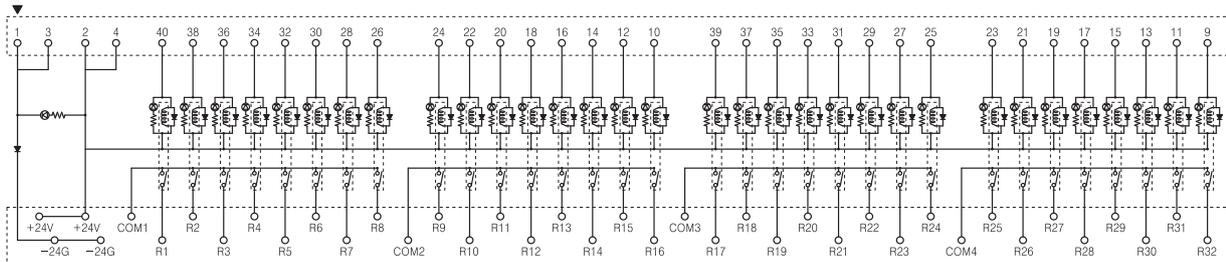
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Wiring diagram

* R32G-NT



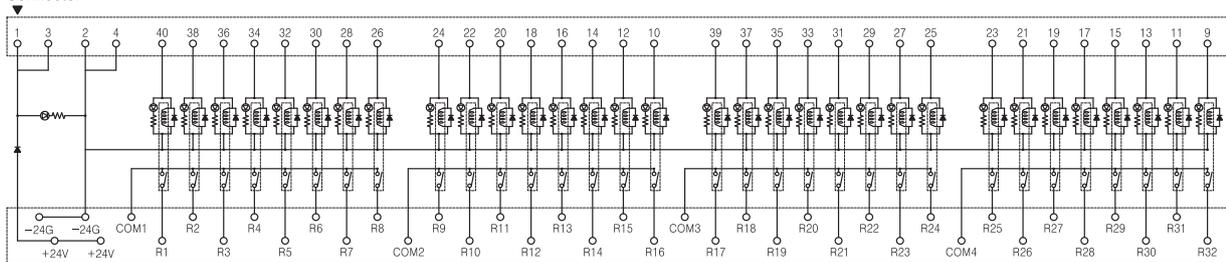
Connector



Terminal Block

* R32G-PT

Connector



Terminal Block