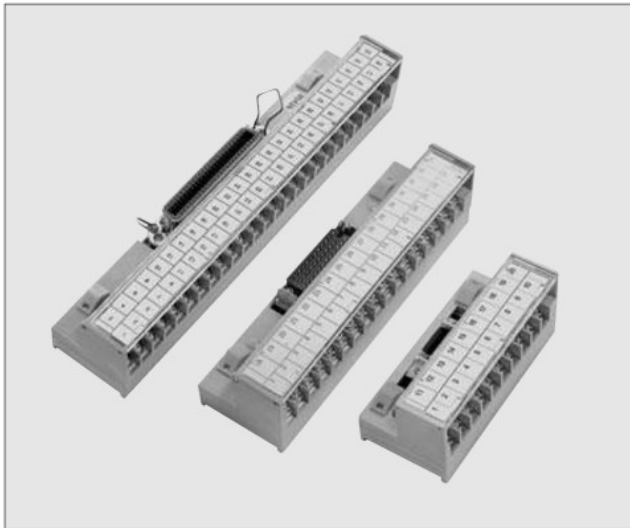


TG Series (40mm width slim type, 7.62mm pitch)

Use by connecting to input/output of various controllers with various connector and pin number specifications



■ Features

- **Ideal for connector type controller I/O**
The area of control panel wiring can be drastically reduced by batch connection using connectors and cables to various domestic and foreign controllers (connector type)
- **Minimization of mounting area**
The width of the product is 40mm slim-type, so when it is mounted on the control panel, the mounting area is greatly reduced, which is about 60% less than using the assembled terminal block
- **Easy for working and maintenance**
 - Convenience of workability, maintenance and repair by using a hinge-typed transparent T/B cover
 - Very high workability with a structure that does not come off even when the T/B bolt is completely loosened (Y terminal terminal type)
 - Installation is very easy as there is a DIN rail mounting structure and a hole for fixing the mounting plate
- **Structure with excellent environmental resistance and safety**
As this is an integrated-type in which PCB is not exposed to the outside, it has an electrically safe structure such as dust, moisture, etc. and flame retardant material is used for external case

■ Model configuration



- 1 7.62mm pitch, Interface terminal block
- 2 Applicable connector specifications and number of terminal poles
- 3 Applicable terminal bolt

■ Model configuration

Model		Pole	Mounting connector	Mounting connector model	Cable side connector model	Dimension (W*D mm)	Mounting method
For "Y" terminal	For "O" terminal						
TG-3M20S		20	MDR Socket	10220-6202JL	10120-3000PE (VE)	85.0 * 40.0	Screw fastening/ Din Rail (Channel)
TG-2M34B	TG-2M34B-O	34	MR Socket	MR-34RFD2	MR-34M	140.0 * 40.0	
TG-2M50A	TG-2M50A-O	50	MR Plug	MR-50RMD2	MR-50F	200.0 * 40.0	
TG-9D50	TG-9D50-O		57GE	57GE-40500-751	57E-30500		

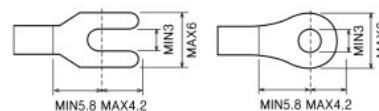
※ Mounting connectors are compatible products and are subject to change without notice.

※ TG-3M20S is a crimp-type terminal block for both "Y" and "O".

■ General specifications

Rated voltage	125V AC / 24V DC
Rated current	1A
Insulation resistance	100MΩ or more (DC 500V)
Withstand voltage	AC500V 1min
Suitable wire	AWG22~16 (1.5mm/1.5mm/MAX)
Terminal screw	M3 × 10L
Screw torque	7~8Kgf·cm (0.68~0.78N·m)
Ambient temperature	-10°C ~ +50°C (No condensation)

■ Applicable crimp terminal specifications



■ Material

Terminal block, cover	Modified PPO
Protection cover	Polycarbonate
Board	Epoxy 1.6t