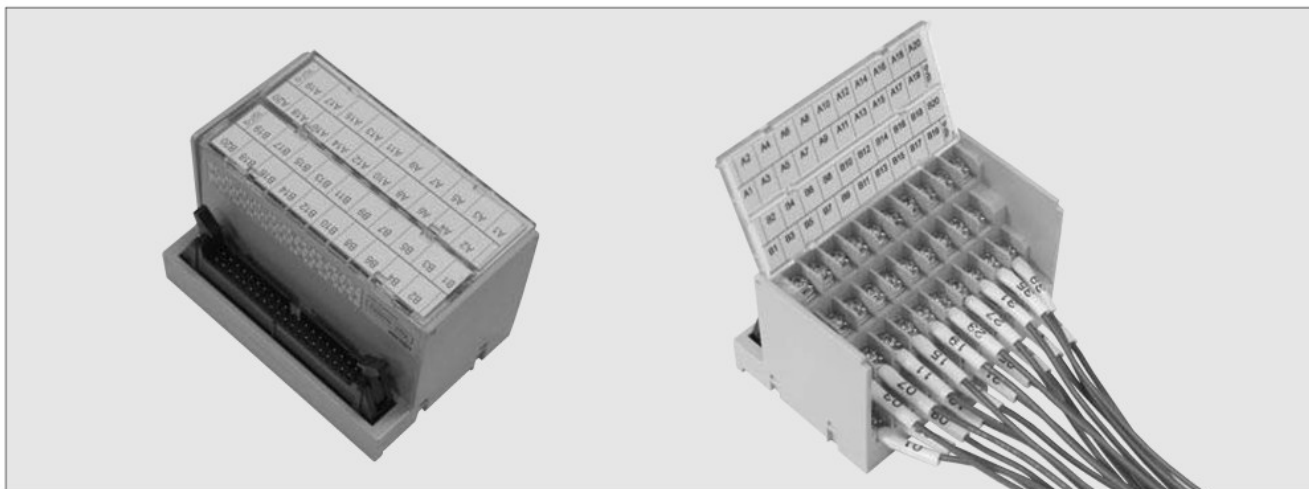




TG7-1H40Q Series (40P terminal block, Korea's smallest screw-type for 32P)

Smallest screw type terminal block with 4 tiered 7.0mm pitch applied



■ Features

- **Realization of ultra-small size: 80.0(W) X 55.0(H)mm**
 - 4 tiered 7.0mm pitch applied interface terminal block realizes the minimum width of screw type 40P
 - Ultra-small size that can be applied to a small space
 - This product has the same usage and function as the previous 2 tiered terminal block XTB-40H and is applied equally to PLC connection cables.
- **Usage**
 - Suitable for miniaturization equipment (semiconductor, LCD/PDP equipment) and panels with a small space

- **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 type)
- **Structure with excellent environmental resistance and safety**
 - As this is an integration 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 7.0mm pitch, smallest interface terminal block
- 2 Applicable connector specifications and number of terminal poles
- 3 4 tiered applied
- 4 Applicable terminal bolt

■ Model selection

Model		Pole	Usage	Mounting connector Model	Cable side connector Model	Dimension (W*D mm)	Mounting method
For "Y" terminal	For "O" terminal						
TG7-1H40Q	TG7-1H40Q-O	40	For Q, XGT PLC (For wiring A and B)	HIF3BA-40PA-2.54DSA or XG4A-4031	HIF3BA-40D-2.54R or XG4M-4030	80.0 * 55.0	DIN Rail (Channel)
TG7-1H40QB	TG7-1H40QB-O		For MASTER K (For sequential wiring)				

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

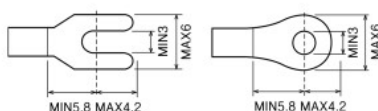
■ General specifications

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)
Terminal screw	M3 × 10L
Screw torque	7~8Kgf·cm (0.68~0.78N·m)
Ambient temperature	-10°C ~ +50°C (No condensation)

■ Material

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

■ Applicable crimp terminal specifications



■ Applicable cable specifications

For connection cables between various PLCs and our I/O LINK terminal block, please refer to [List of I/O cables by PLC].

The application of TG7-1H40Q□ is the same as that of XTB-40H.



Interface Terminal Block

Power Distribution Block
BPS / BPD Series
SPS / SPD Series
XK2 / XK2S Series

Panasonic PA-N
Takamisawa NYP
Relay Terminal

Panasonic PQ
Omron G6DN
G6D
G6B
Relay Terminal

Samwon Act SHN
Omron G2R
Relay Terminal

Panasonic PhotoMOS SSR
Relay Terminal

Panasonic Safety Relay

General Purpose Relay
MY-type Relay
LY-type Relay
SHN Relay

I/O cable
PLC
selection list