

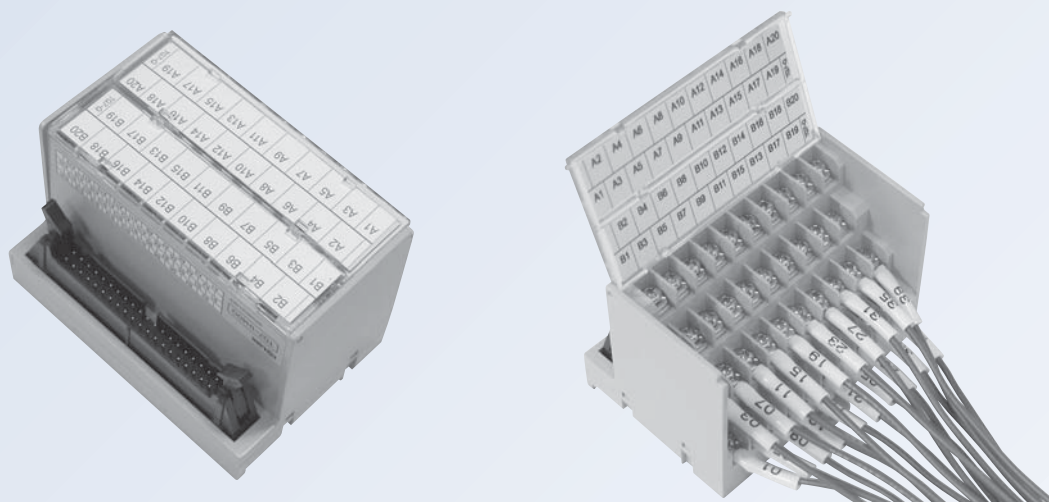
# TG7-1H40Q Series (The Smallest 40P Terminal Unit)



With the application of 4-layer 7.0mm Pitch, Smallest Screw-typed Terminal Unit

1

**NEW**



## ■ Features

- **Smallest Size : 80.0(W) X 55.0(D)mm**
  - As an interface terminal unit applying 4-layered 7.0mm Pitch, it has the smallest width of screw-typed 40P terminal unit.
  - As it has the smallest size, it can be applied for a narrow space
  - As it has same usage and function as conventional 2-layered terminal unit XTB-40H Series, Connection cable for PLC, etc. are applied same as them, too.
- **Usage**
  - It is suitable for mini-sized equipment (equipment for semi-conductor, LCD/PDP equipment) and mounting Panel at a narrow space.
- **Easy for Working and Maintenance & Repair**
  - As it uses hinge-typed transparent T/B cover, it is easy to work and maintain & repair.
  - As it has a structure preventing from being taken out even when T/B bolt is unfastened completely, it has a high workability. (Y terminal unit-type)
- **Workability under any working environment and Excellent Stability**
  - As it is a one-body equipment whose PCB is not exposed to the outside, it is safe from any electrical trouble due to dust, moisture, etc. and the material of its external case has a resistance to flame.

## ■ Model Composition



- ① 7.0mm Pitch Interface Terminal Unit
- ② Applicable Connector Specification and the Number of Terminal Hole
- ③ 4-layered application
- ④ Applicable Terminal Bolt

## ■ Model Selection

Model		Pole↕	Suitable PLC	Mounted connector Model	Cable connector Model	Dimension (W×D mm)	Mounting method
"Y" terminal	"O" terminal						
TG7-1H40Q	TG7-1H40Q-O	40	Q, XGT PLC	HIF3BA-40PA-2.54DSA or XG4A-4031	HIF3BA-40D-2.54R or XG4M-4030	80.0×55.0	35mm DIN Rail
TG7-1H40QB	TG7-1H40QB-O		MASTER K				

※ Mounted connector can be changed into a compatible product without advance notice.

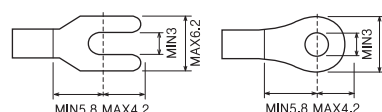
## ■ Characteristics

Rated voltage	125V AC / 24V DC
Rated current	1A
Insulation resistance	100MΩ or above (DC 500V)
Withstand voltage	AC500V / 1min
Applicable wire	1.25mm/ MAX
Terminal Screw	M3 × 10L
Screw torque	1.2N · m (12Kgf · cm)
Ambient temperature	-10℃ ~ +50℃

## ■ Materials

Case	Modified PPO
Cover	Modified PPO
P.C.B	Epoxy 1.6t

## ■ Applicable crimp terminal



## ■ Applicable Cable Specification

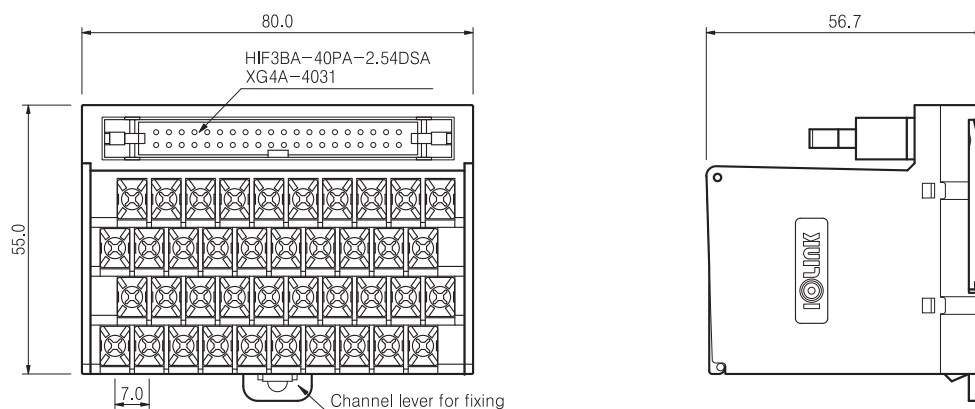
The application of TG7-1H40Q Series is same as in case of XTB-40H Series.



# TG7-1H40Q Series (The Smallest 40P Terminal Unit)

With the application of 4-layer 7.0mm Pitch, Smallest Screw-typed Terminal Unit

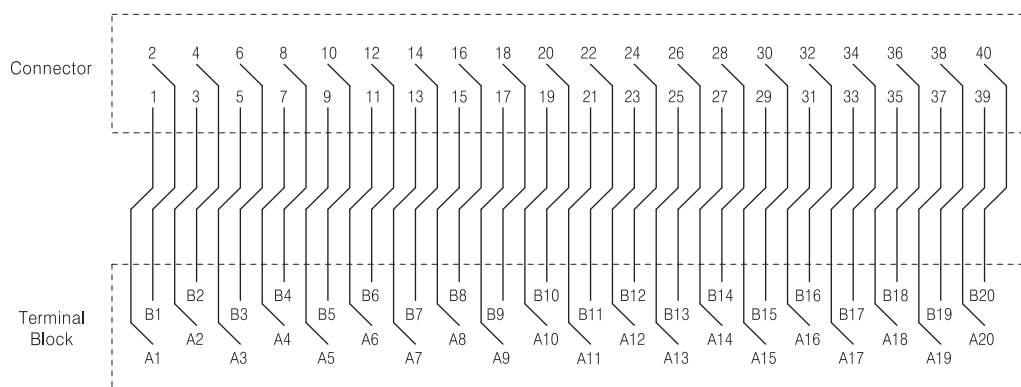
## ■ Dimension



## ■ Wiring diagram

### \* TG7-1H40Q

(It is applied in case that I/O arrangement is the connection of A line and B line same as Mitsubishi Q, LS XGT Series)



### \* TG7-1H40QB

(It is applied in case that I/O arrangement is sequential same as LS Master K Series.)

