

■ Model Configuration

TG7 - 1H 40S

Series

TG7 : Compact slim type (Pitch 7.0mm)

Material : modified PPO (Noryl)
(UL 94V-0)

Connector Pin counter

40 : 40Pin

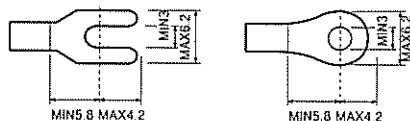
Connector shape & maker

1H: Hirose HIF3BA-40PA-2.54DSA

■ General Specification

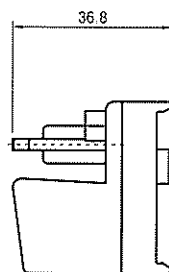
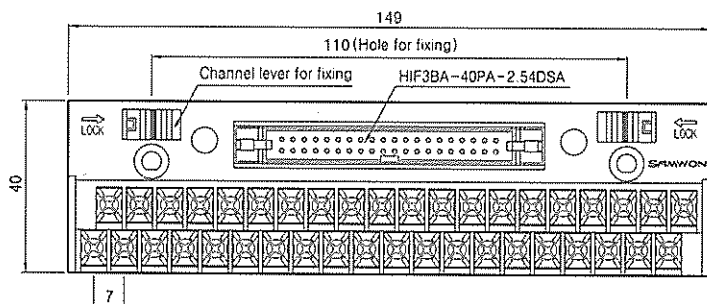
Rated voltage	AC, DC 125V
Rated current	1A
Withstanding voltage	600V during one minute
Insulation resistance	100MΩ (DC 500V)
Applicable cable	1.25mm ² /MAX
T/B screw	M3 X 10L
Screw torque	1.2N · m (12Kgf · cm)
Material	Modified PPO (Noryl) (UL 94V-0)

■ Specification of crimp-type terminal lug

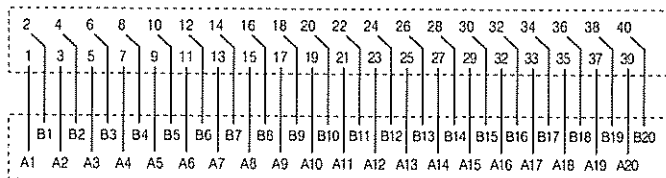


Standard crimp-type terminal lug for TG7 series is "Y" type and product for "O" type crimp-type terminal lug is custom product.

■ Dimension



■ Internal wiring



※ For service and technical inquiry, contact us or distributor.

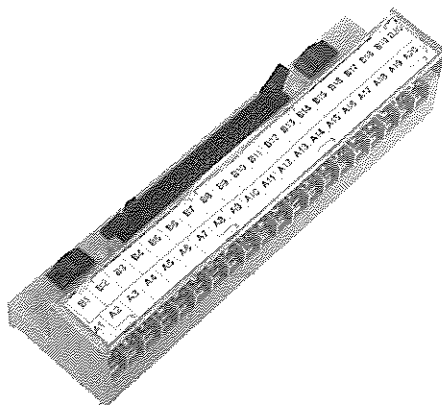
SAMWON ACT Co., Ltd.

Headquarter : 25-15, Eomgung-dong, Sasang-gu, Busan, Korea / Tel +82-51-320-7777 / Fax +82-51-312-2233

Seoul office : 609-1 ho, Daeryung Techno Town 8 Cha, Gasan-dong, Geumcheon-gu, Seoul, Korea / Tel +82-2-2163-6420 / Fax +82-2-2163-6439

TG7 series

User manual



Thank you for purchasing SAMWON ACT Co., Ltd. product.
Before using the product, read user manual carefully.

■ Safety Instructions

⚠ Warning This symbol indicates the possibility of serious damage or injury if some applicable instruction is violated.

⚠ Caution This symbol indicates the possibility of slight injury or damages if some applicable instruction is violated.

⚠ Warning

1. When wiring, do not let any foreign material such as dust or cable sheath go into terminal.
It may cause damage, overheat or fire.
2. When wiring or handling, turn off the power.

⚠ Caution

1. Use in permissible temperature range ($-10\sim 50^{\circ}\text{C}$).
It may cause damage to external case.
2. Use in permissible rated voltage (AC, DC125V) or rated current range (1A).
It may cause fire or damage.
3. Use permissible cable (1.25mm/Max) and crimp-type terminal lug.
It may cause malfunction by misconnection.
4. Read the user manual carefully and check the specification, wiring, dimension, etc.
5. If you make the connection cable between the controller such as PLC and our product, carefully check the internal wiring of terminal block and pin array of controller.
It may cause damage to controller or our product.

※ We are providing the connection cable for PLCs per each maker.
For detail on model and specification, refer to our catalog or contact us.