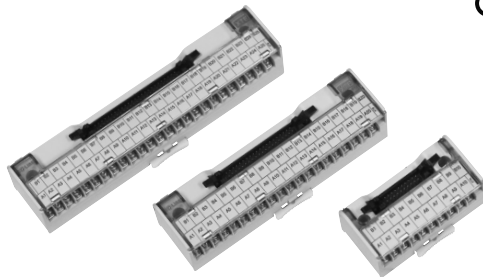


XTB Series 7mm Pitch, Interface terminal block

User's Guide



Thank you for purchasing product of SAMWON ACT.
Please check model of product that you purchase first, and read this manual prior to use it.

• Caution for safety

- Warning** Case that results in serious damage in human body or equipment, and fire if user handles this equipment wrongly
It may cause electric shock.
- Caution** Case that results in slight damage in human body or equipment, and fire if user handles this equipment wrongly

Warning

1. Do not open the cover while the power is on or during operation.
It may cause electric shock.
2. Be sure to shut off the power supply from the outside before mounting and wiring.
It is cause fire or electric shock.
3. Do not use if the cable sheath is damaged.
It may cause electric shock.
4. When machining and wiring the mounting hole, do not allow foreign matter such as dust or wire covering to enter the connection terminal.
Failure to do so may result in damage to the unit, heat, or ignition.

* The connection cable for PLC of various makers is provided by us. Please refer to the catalogue or contact Head or branch office if you need more detail models and specifications.

Caution

1. Use within the specified rated voltage and rated current range.
This may result in fire or damage to the product.
2. Do not use outdoors.
Electric shock and product life may be shortened.
3. Use within the specified temperature range. (-10°C ~ +50°C)
Damage to the outer case may occur.
4. Do not use water or organic solvents for cleaning.
It may cause electric shock and damage to the product/

• Use caution

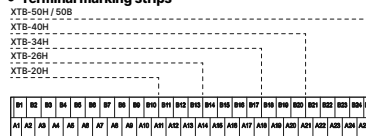
1. Use in the specified temperature and humidity.
2. Please make sure to check the internal wiring diagram of the terminal block and the arrangement of the controller PIN (terminal) when making the connection cable between the controller (PLC etc.).
3. Use AWG 22 ~ 16 (1.5mm² / MAX) for the suitable wire, and check the crimp terminal after checking the "Applicable crimp terminal" specification.
4. The device is intended to be installed in a suitable fire, mechanical and electrical enclosure.
5. Can be used under the following environmental conditions.
①Indoor ②Pollution Degree 2 ③Altitude 2,000m or less ④Overvoltage Category II

• Specification/Material

Model	XTB-20H	XTB-26H	XTB-34H	XTB-40H	XTB-50H	XTB-50B
Rated voltage	125VAC ~ 50/60Hz, 125VDC ≡					
Rated current	1A or less					
Number of connector pins	20pins	26pins	34pins	40pins	50pins	
Number of terminal blocks	20ea	26ea	34ea	40ea	50ea	
Patches between terminals	7.0mm					
Suitable wire	AWG 22 ~ 16 (1.25mm ² / MAX) (Use copper conductor only)					
Insulation resistance	100MΩ or more (500VDC ≡)					
Withstand voltage	500VAC ~ 1min					
Terminal Screw	M3 X 7L					
Screw torque	1.2N · m (12kgf·cm)					
Environment resistant (Note 1)	Ambient temperature	-10°C ~ +50°C				
	Ambient humidity	35 ~ 85%RH				
Material	Terminal block	Modified PPO				
	Cover	Polycarbonate				
	Board	Epoxy 16T				
Weight (Note 2)	About 103g	About 123g	About 154g	About 177g	About 212g	About 184g
	(About 83g)	(About 103g)	(About 129g)	(About 152g)	(About 184g)	

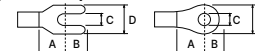
Note 1) The conditions of use of the environment items are that they are not freezing or condensing.
Note 2) It is weight in packed condition, parenthesized is only the product weight.

• Terminal marking strips



* It is attached to the window for user's convenience.

• Applicable crimp terminal

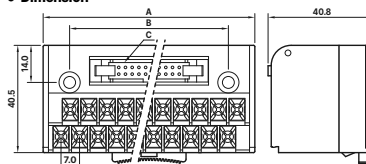


(Unit : mm)

	A	B	C	D	Suitable wire
Y type terminal	5.8 or more	4.2 or less	3.0 or more	6.0 or less	AWG 22 ~ 16 (0.30 ~ 1.25mm ²)
O type terminal	5.8 or more	4.2 or less	3.0 or more	6.0 or less	

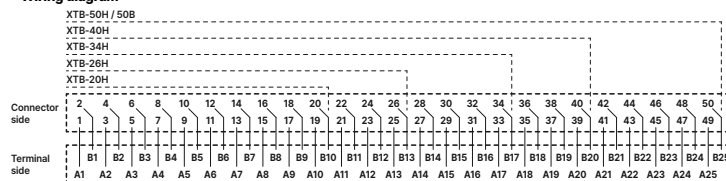
* Please use UL-approved crimp terminals.

• Dimension



Model	A	B	C
XTB-20H	80.0	60.0	HIF3BA-20PA-2.54DSA or XG4A-2031
XTB-26H	101.0	81.0	HIF3BA-26PA-2.54DSA or XG4A-2631
XTB-34H	129.0	109.0	HIF3BA-34PA-2.54DSA or XG4A-3431
XTB-40H	149.0	127.5	HIF3BA-40PA-2.54DSA or XG4A-4031
XTB-50H	184.0	163.0	HIF3BA-50PA-2.54DSA or XG4A-5071
XTB-50B			HIF3BB-50PA-2.54DSA or XG4A-5031

• Wiring diagram



* The above specifications are subject to change without notice.

* Please contact HQ or branch office where you purchased product for A/S of this product or technique.



■ HQ | 401035, 20, Daedong-ro, Seong-gu, Daejeon
TEL : 051)320-7777 FAX : 051)312-2233
■ SEOUL Office | 14353, M Cluster-707, 17, Deogan-ro
104beon-gil, Gwangjinmyeong-eui, Gyeonggi-do
TEL : 02)837-2220 FAX : 02)837-2228