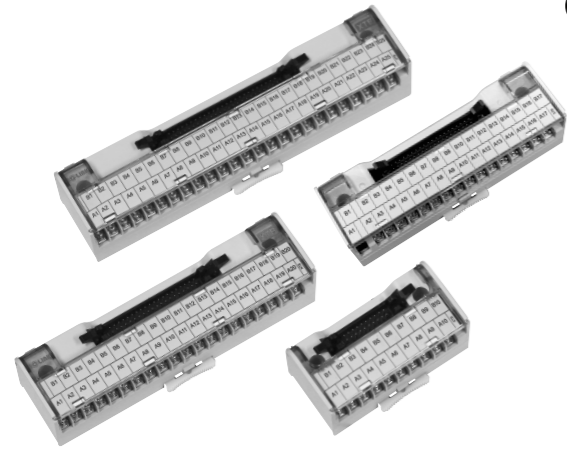


XTB Series 7mm Pitch, Interface terminal

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

Caution Case that results in serious damage in human body or equipment, and fire if user handles this equipment wrongly

Warning Case that results in slight damage in human body or equipment, and fire if user handles this equipment wrongly

Caution

- Do not open the cover while the power is on or during operation. It may cause electric shock.
- Be sure to shut off the power supply from the outside before mounting and wiring. It is cause fire or electric shock.
- Do not use if the cable sheath is damaged. It may cause electric shock.
- 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.

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

Warning

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

• Use caution

- Use in the specified temperature and humidity.
- 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.).
- Use AWG 22 ~ 16 (1.25mm² / MAX) for the suitable wire, and check the crimp terminal after checking the "Applicable crimp terminal" specification.
- The device is suitable for use only within an acceptable enclosure which has mechanical rigidity.
- Can be used under the following environmental conditions.
 - Indoor
 - Pollution degree2
 - Altitude 2,000m or less
 - Overvoltage Category II

• Product/Specification

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 connectors	20Pin	26Pin	34Pin	40Pin	50Pin	
Number of terminals	20ea	26ea	34ea	40ea	50ea	
Terminal pitch	7.0mm					
Suitable wire	AWG22~16 (1.25mm ² / MAX) (Use copper conductor only)					
Insulation resistance	100MΩ or more, (500VDC ≐)					
Dielectric strength	500VAC ~ 1min					
Screw	M3 X 7L					
Screw torque	1.2N · m (12kgf · cm)					
Environment Note1)	Ambient temperature	-10°C ~ +50°C				
	Ambient humidity	35~85%RH				
Material	Case	Modified PPO				
	Protective cover	Polycarbonate				
PCB	Epoxy 1.6t					
Weight Note2)	XTB-20H	XTB-26H	XTB-34H	XTB-40H	XTB-50H	XTB-50B
	About 103g (About 83g)	About 123g (About 103g)	About 154g (About 129g)	About 177g (About 152g)	About 212g (About 184g)	

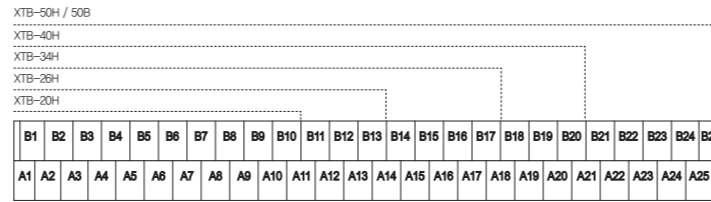
Note1) The conditions of use of the environment items are that they are not freezing or condensing.
Note2) It is weight in packed condition, parenthesized is only the product weight.

• Applicable Crimp Terminal

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

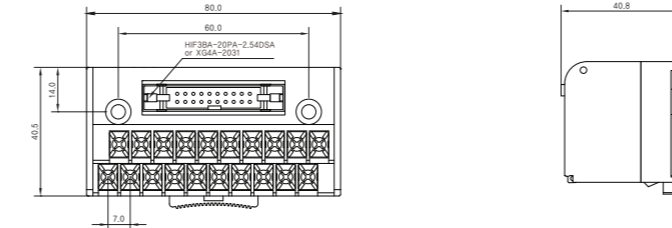
※Use crimp terminals for UL approved products.

• Terminal marking strips

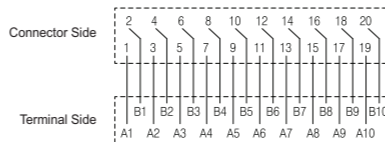


• XTB-20H

• Dimension

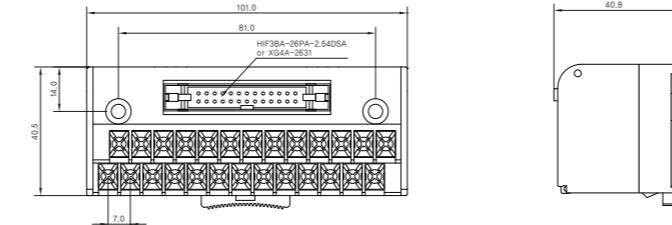


• Wiring Diagram

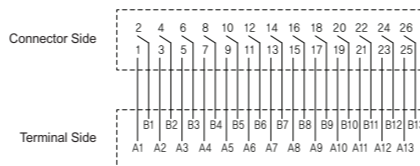


• XTB-26H

• Dimension

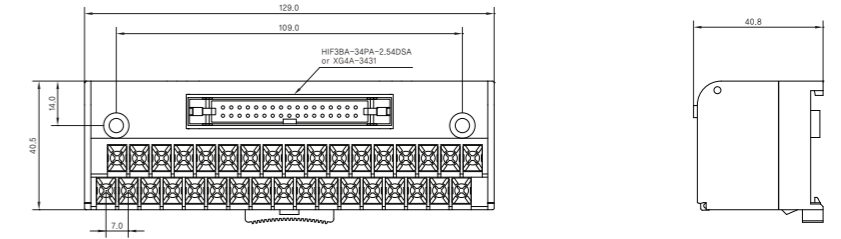


• Wiring Diagram

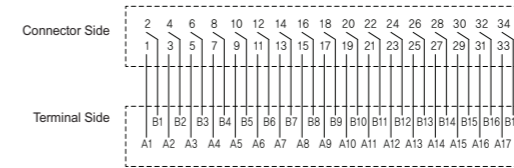


• XTB-34H

• Dimension

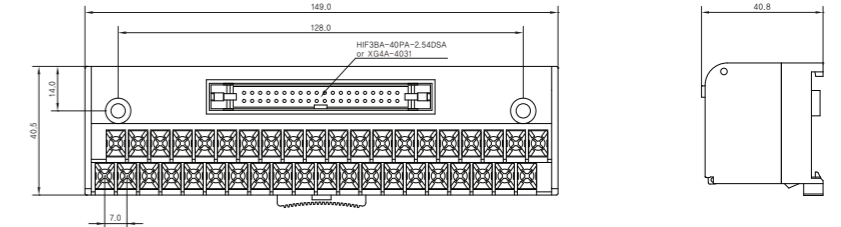


• Wiring Diagram

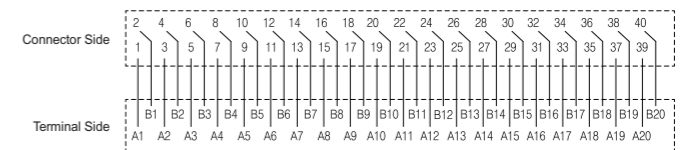


• XTB-40H

• Dimension

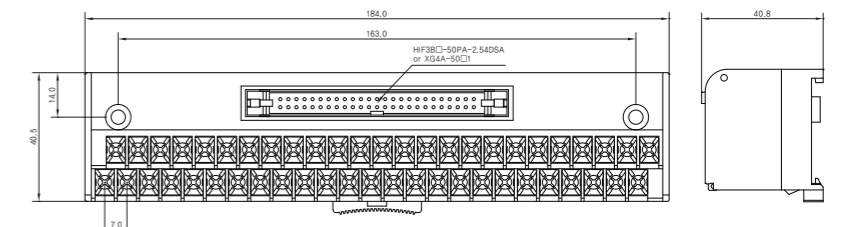


• Wiring Diagram

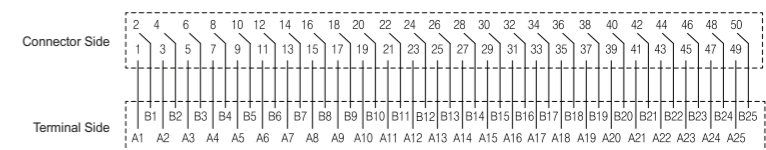


• XTB-50H/XTB-50B

• Dimension



• 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.

Major products

- Relay terminal 1, 2, 4, 6, 8, 16, 32point
- Interface terminal 20, 24, 26, 34, 40, 50, 40 x 2pole
- PLC I/O Connecting cables MITSUBISHI, LSIS, CIMON, OMRON, FUJI, YOKOGAWA, HITACHI, SIEMENS, AB, etc.
- Servo Connecting cables Encoder cable, Power cable, Motion cable / MITSUBISHI, YASKAWA, OMRON, PANSONIC, LSIS, SAMSUNG, etc.
- Wiring harness / Special cable assembly