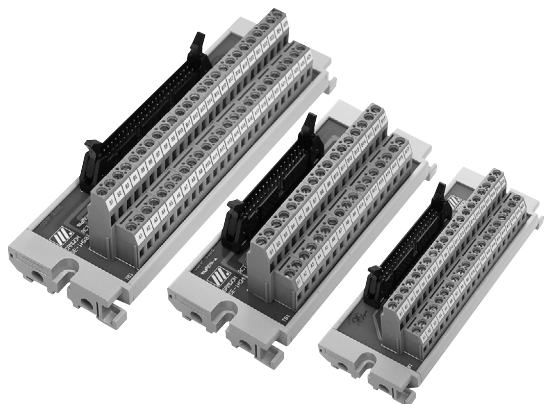


SE Series Screw-typed Pin Terminal Block

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

⚠ 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

1. 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.
2. Be sure to shut off the power supply from the outside before mounting and wiring.

※ 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.

⚠ Warning

1. Use within the specified temperature range. (−10°C ~ +50°C)
Damage to the outer case may occur.
2. Use within the specified rated voltage(125V AC/ 24V DC) and rated current(1A) range.
This may result in fire or damage to the product.
3. Read this user's guide which is attached to product, and check product's nominal, characteristics, specification, wiring diagram and how to handle prior to use.
4. 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.).
It may be the cause of malfunction or damage of this equipment and user's.

• Model Configuration

SE – 1H40I

① ② ③

- ① P.C.B Exposed Terminal Block
- ② Applicable connector specifications and No. of terminal Poles
- ③ Screw type "I" Terminal type Terminal Block mounted

• Model Selection

Model	No. of Poles	Mounted connector	Mounted connector Model	Cable connector Model	Dimensions (W×Dmm)	Mounting method
SE-1H20I	20	MIL Standard	HIF3BA-20PA-2.54DSA	HIF3BA-20D-2.54R	85.5 * 52.0	Screw mounting, DIN Rail (Channel)
SE-1H34I	34	MIL Standard	HIF3BA-34PA-2.54DSA	HIF3BA-34D-2.54R	123.5 * 52.0	
SE-1H40I	40	MIL Standard	HIF3BA-40PA-2.54DSA	HIF3BA-40D-2.54R	135.5 * 52.0	
			XG4A-4031	XG4M-4030		
SE-4F40I		FCN 360	FCN-364P040-AU	FCN-367J040-AU		
			1747053-1	1903404-1		
SE-1H50I	50	MIL Standard	HIF3BA-50PA-2.54DSA	HIF3BA-50D-2.54R	163.5 * 52.0	
SE-1H50IB		MIL Standard	HIF3BB-50PA-2.54DSA	HIF3BB-50D-2.54R		

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

• Rating/Specification

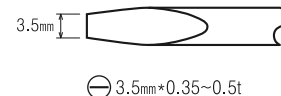
Rated voltage	125V AC / 24V DC
Rated current	1A
Insulation resistance	100MΩ or above (DC 500V)
Dielectric strength	AC 500V 1min
Applicable wire	Wire 0.5~2.5mm ² / AWG20~13
	Ferrule 0.5~1.5mm ² / AWG20~15
Wire stripping length	7mm
Screw torque	0.5N · m (5Kgf · cm)
Ambient temperature	−10°C ~ +50°C (No condensation)

• Material

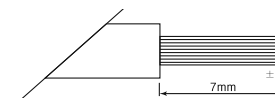
Terminal	PA
Pin header	Cu alloy / Tin plated
Base	PVC
Cover	Modified PPO
P.C.B	Epoxy 1.6t

• Appropriate tool

* ⊖ Driver

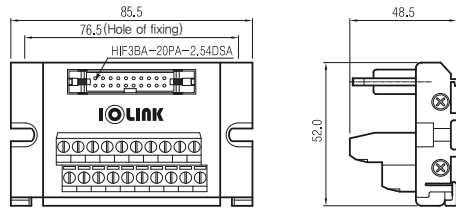


• Wire stripping length of DIN type terminal block

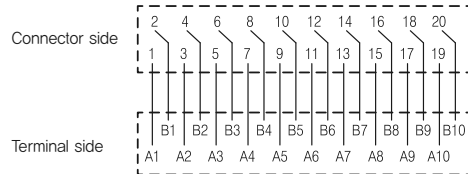


• SE-1H20I

• Dimension

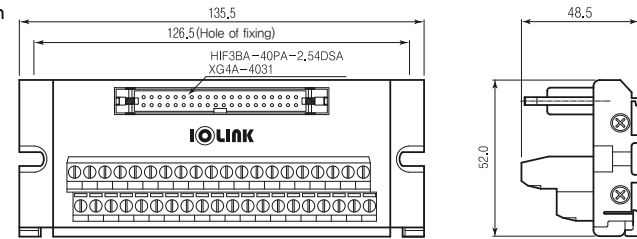


• Wiring Diagram

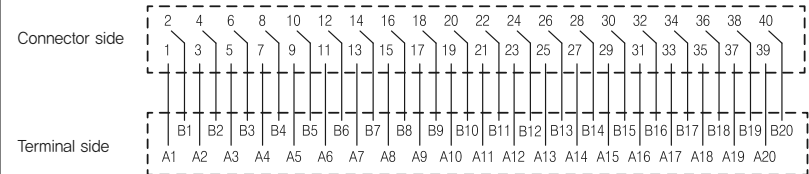


• SE-1H40I

• Dimension

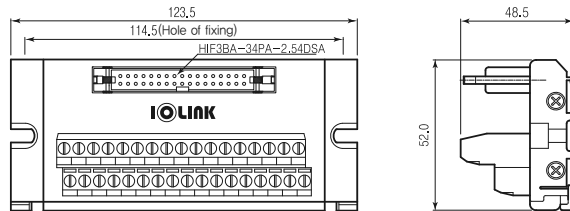


• Wiring Diagram

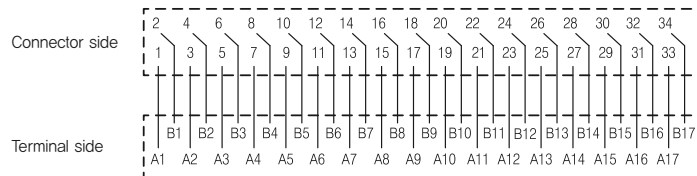


• SE-1H34I

• Dimension

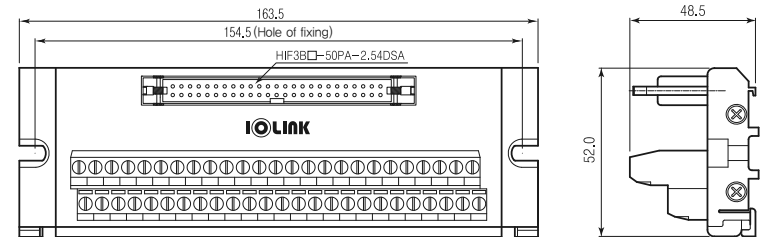


• Wiring Diagram

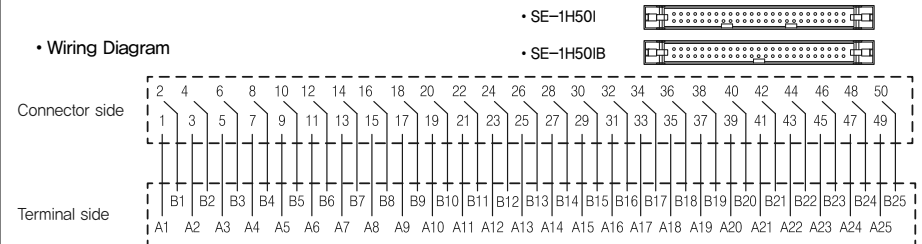


• SE-1H50I(B)

• 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.