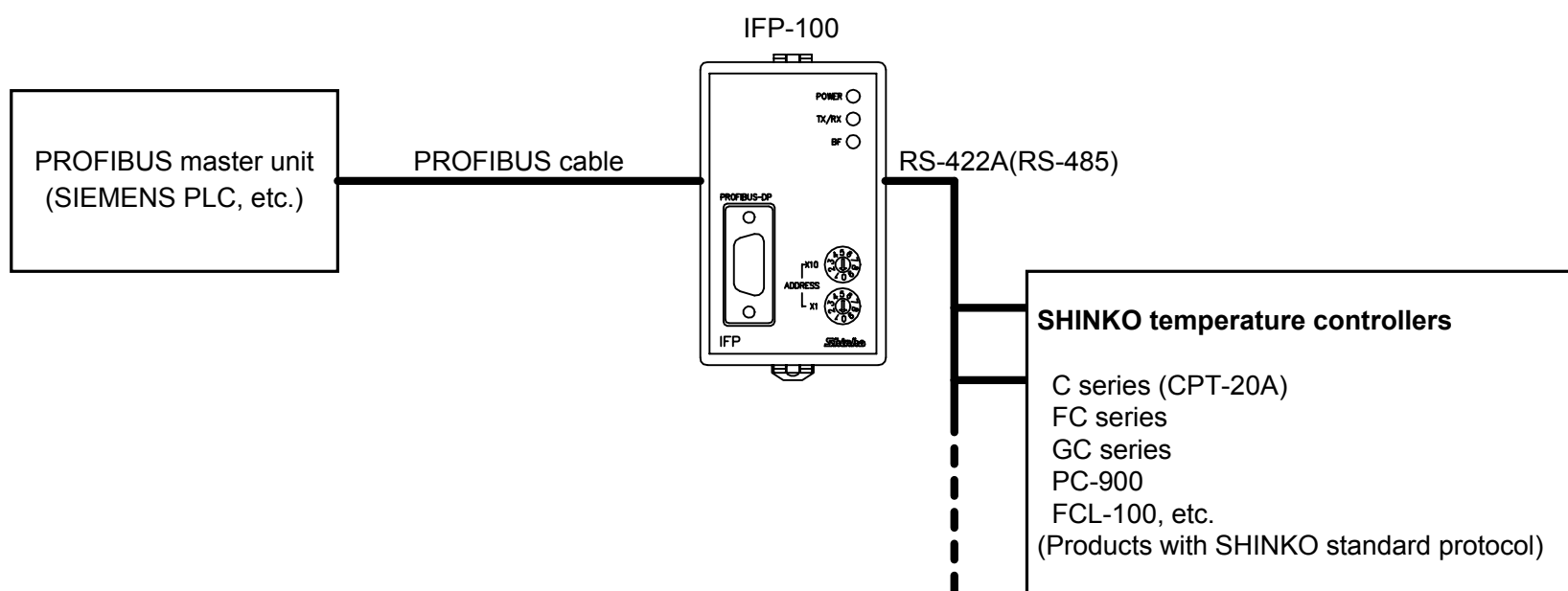


COMMUNICATION CONVERTER FOR PROFIBUS

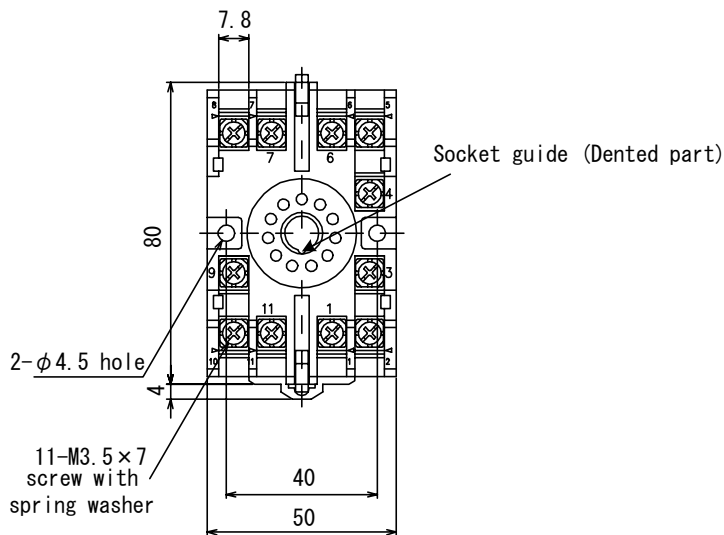
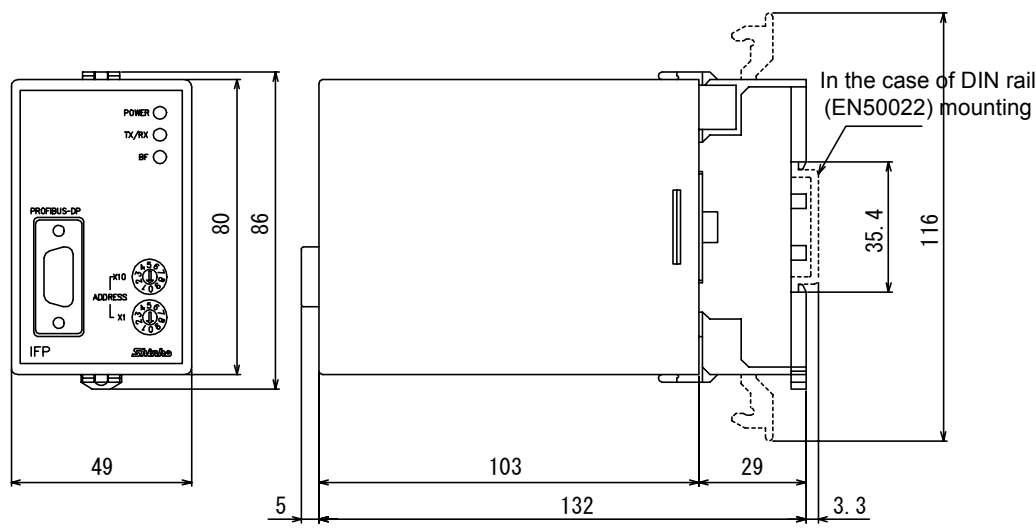
IFP-100

The configuration of PROFIBUS master unit, IFP-100 and products with SHINKO standard protocol is as shown below.

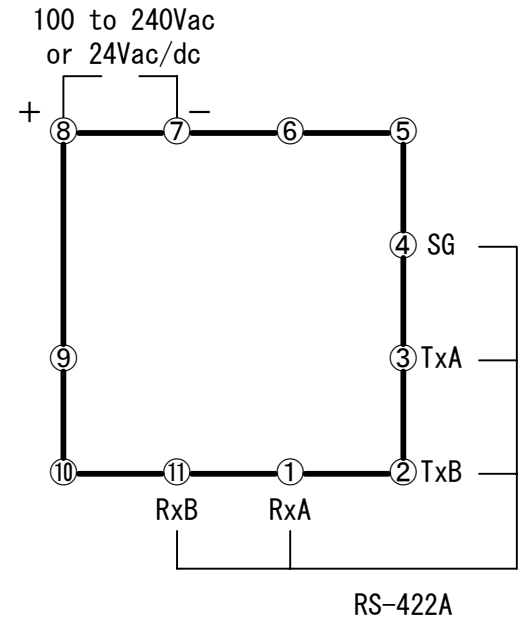


Shinko

External dimension

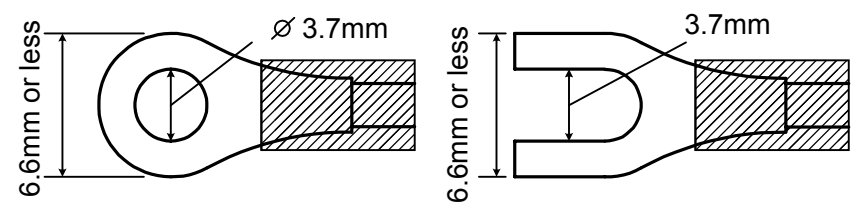


Terminal arrangement



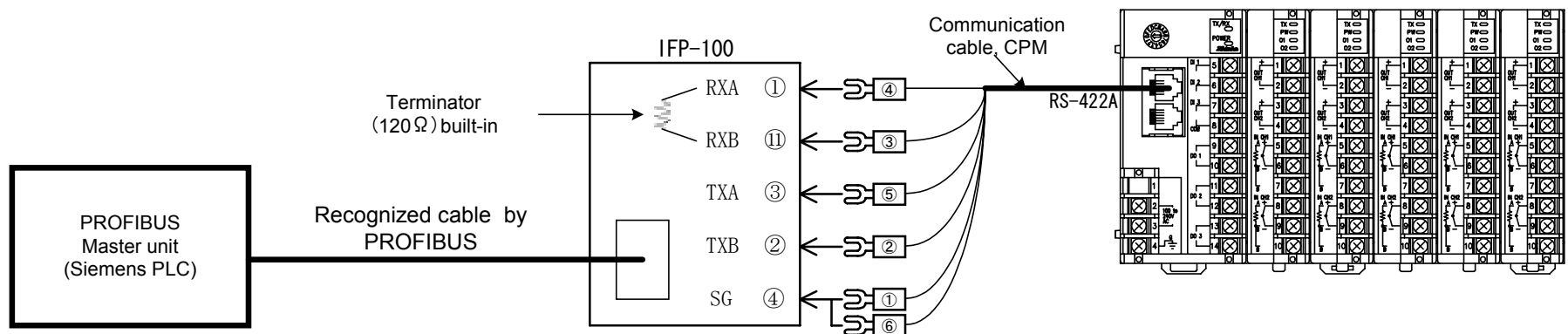
Recommended terminal

Use a solderless terminal with insulation sleeve fit to M3.5 screw as shown below. Torque is 0.7N·m to 1.0N·m.



Wiring connection example

[Connection of PROFIBUS master unit, IFP-100 and 1 block of C series]



Use a recognized PROFIBUS cable and connectors to connect PROFIBUS master unit and IFP-100.

www.profibus.com (PROFIBUS Nutzerorganisation e.V.) for recognized cables and connectors.

Specifications

Model	Communication converter for PROFIBUS				
Name	IFP-100				
Display	POWER	:When instrument is conducted, green LED is lit	Setting	PROFIBUS address setting by the Rotary switch	
	TX/RX	:When temperature controller is communicating, yellow LED blinks		Setting range: 0 to 99	
Function	BF	:When error occurs to PROFIBUS, red LED is lit (IFP-100)-(PROFIBUS communication)	Supply voltage	100 to 240Vac } must be specified :50/60Hz	
	Communicating circuit	:PROFIBUS (Based on RS-485)		24Vac/dc } :50/60Hz	
	Data transfer rate	:Automatically selected from the rate 9.6kbps, 19.2kbps, 93.75kbps, 187.5kbps, 500kbps, 1.5Mbps, 3Mbps, 6Mbps, 12Mbps. Automatically selected to the lowest data transfer rate connecting to the same IFP-100 - PROFIBUS communication line.	Power consumption	Allowable voltage fluctuation	:85 to 264Vac
	(IFP-100)-(Temperature controller communication)	Communicating circuit :Based on RS-422A (RS-485)			:20 to 28Vac/dc
	Data transfer rate	:19.2kbps (Fixed)	Insulated resistance		Between power terminal and controllers communication terminal 10MΩ or greater at 500Vdc
	Data structure	:Start bit 1			Between power terminal and PROFIBUS communication terminal 10MΩ or greater at 500Vdc
		:Data bit 7	Dielectric strength		Between power terminal and terminal NO.4 (SG) at 1.5kVac for 1 minute
		:Parity bit Even		Ambient temperature	
		:Stop bit 1	Case		
			Mounting method		DIN rail mounting
		External dimensions		49 x 80 x 132mm (W x H x D) (including Round socket)	
		Weight		Approx. 200g	

• This catalog is as of December 2000, specifications are subject to change without notice.
 • When inquiring, please consult our agency or the shop where you purchased the unit.