Drawings

VJCE-01A
VJ Mounting Base for Communication

JUXTA

SD 77J01C51-11E

Unit: mm

External Dimensions

Input terminals for slots 1 to 8

Input terminals for slots 9 to 16

RS-485 communication terminals

482.6
465
446

24.5
37.7
50
57.1
130

121
46.8
25.8
30.5

Output-1 terminals for slots 1 to 8

Output-1 terminals for slots 9 to 16

Power supply terminals
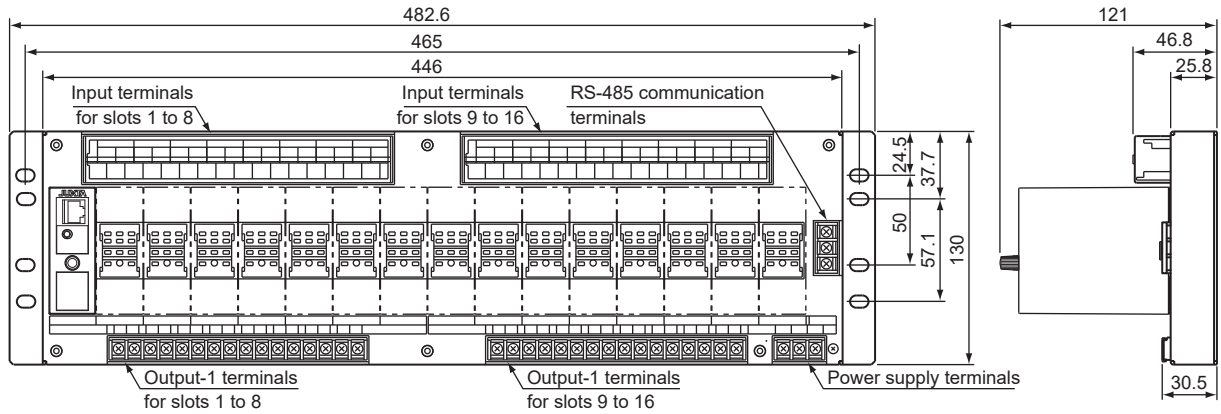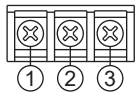
Normal Allowable Deviation= ± (Value of JIS B 0401-2016 tolerance grade IT18) / 2

Assignment of Power Supply Terminals

Terminal Number	Signal Symbol	
①	SUPPLY	L (+)
②	SUPPLY	N (−)
③	GND	⏚

YOKOGAWA ◆

Assignment of Input/Output Terminals

Mountable Signal Conditioners		Input Terminal 1	Input Terminal 3	Input Terminal 4	Output-1 Terminal 7	Output-1 Terminal 9
VJH1, VJH7, VJHF, VJHR, VJQ0, VJQ7		+	−	Do not use	+	−
VJXS, VJX7		⌐—wwww—⌐ (*2)				
VJH1/C, VJH1/HC		+	−			
VJC1 (*1)		Channel-1		Do not use	Channel-1	
		+	−		+	−
VJT6		+	−	Do not use	+	−
VJU7 (TC or mV input)		RJC				
VJR6		A	B	B	+	−
VJU7 (RTD input)		(*4)				
VJS2, VJS7		100%	CENTER	0%	+	−
VJA1 VJA5 VJA7	When using internal power supply	PS+ + ⊗ −	−	COM Do not use	+	−
	When using external power supply	Do not use	− ⊗ +			
	When used as an isolator	Do not use	+ ⊗ −			
VJA4 (*1)		Channel-1		Do not use	Channel-1	
		+ + ⊗ −	−		+	−
VJB1		A k K	± l L	Do not use	+	−
VJG1		V u U	± v V	Do not use	+	−
VJB3		A/V	±	Do not use	+	−
VJD1		V TG	±	Do not use	+	−
VJP1 VJP4 VJP8 VJQ2 VJQ8	Non-voltage contact / Voltage contact	Do not use	+	−	+	−
	Internally powered current pulse (two-wire system)	PS+	+	−		
			⌐—wwww—⌐ (*2)			
	Internally powered voltage pulse (three-wire system)	PS+	+	−		
VJF1		Do not use	Do not use	Do not use	+	−
		Input through one-touch fitting Ø6 of the VJF1.				
VJET (*3)		Do not use	Do not use	Do not use	Do not use	Do not use

*1: Only 1-channel type is mountable.
*2: When receiving current input (current pulse), external shunt resistor (receiving resistor) is required.
*3: Only one VJET can be mounted in slot 16 of the base. Do not mount it in other slots.
*4: For VJR6 (style 3.0 or later) and VJU7, the wiring resistance of input terminals "1" and "3" must be the same.
    For VJR6 (style 2.0 or earlier), the wiring resistance of input terminals "1" and "4" must be the same.

Input Terminals

	SLOT*	
3		1
	4	

Output-1 Teminals

*	7	9
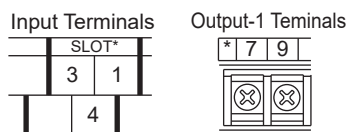
"*" in the figure above denote a slot number. Slots are numbered from 1 to 16, beginning with the leftmost slot, when viewed from the VJCE front.

Assignment of RS-485 communication terminals (Output-2 terminals)
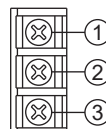
Terminal Number	Signal Symbol	
①	RS-485	B (+)
②	RS-485	A (−)
③	RS-485	COM

* The terminal for output-2 is multidrop-connected to the output-2 of all slot.