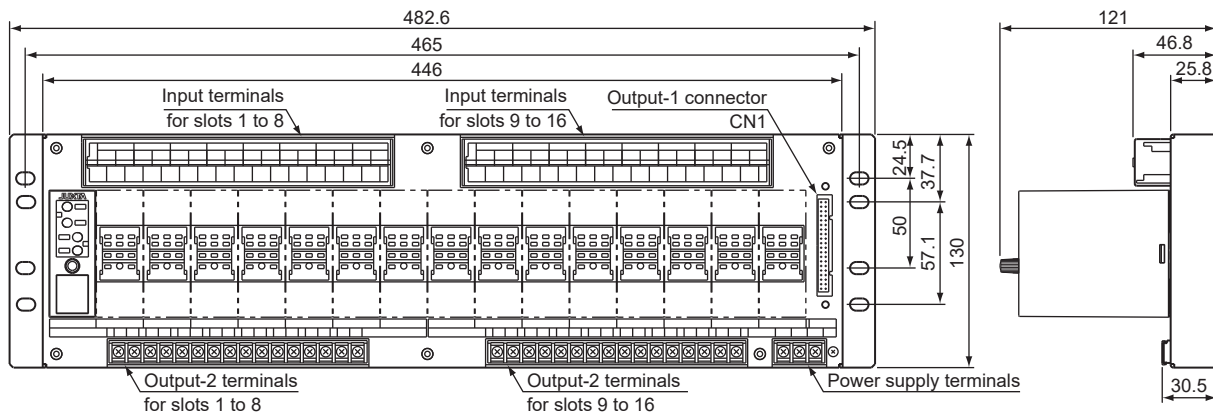


SD 77J01C51-01E

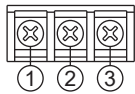
Unit: mm

### External Dimensions



Normal Allowable Deviation =  $\pm$  (Value of JIS B 0401-2016 tolerance grade IT18) / 2

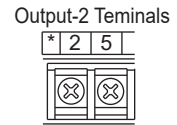
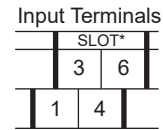
### Assignment of Power Supply Terminals



Terminal Number	Signal Symbol
①	SUPPLY L (+)
②	SUPPLY N (-)
③	GND $\equiv$

## Assignment of Input/Output Terminals

Mountable Signal Conditioners	Input Terminal				Output-2 Terminal		
	1	3	4	6	2	5	
VJH1, VJH7, VJHF, VJHR, VJQ0, VJQ7 VJXS, VJX7	+	-	Do not use	Do not use	+	-	
VJH1/C, VJH1/HC	+	-					
VJC1 (*1)	Channel-1		Channel-2		Channel-2		
VJT6 VJU7 (TC or mV input)	+	-		Do not use	+	-	
VJR6 VJU7 (RTD input)	A	B	B	Do not use	+	-	
VJS2, VJS7	100%	CENTER	0%	Do not use	+	-	
VJA1 VJA5 VJA7	PS+	-	COM	Do not use	+	-	
When using internal power supply			Do not use				
When using external power supply	Do not use						
When used as an isolator	Do not use						
VJA4 (*1)	Channel-1		Channel-2		Channel-2		
	PS+	-	PS+	-	+	-	
VJB1	A	±	Do not use	Do not use	Do not use	Do not use	
VJG1	V	±	Do not use	Do not use	Do not use	Do not use	
VJB3	A/V	±	Do not use	Do not use	+	-	
VJD1	V	±	Do not use	Do not use	+	-	
VJP1 VJP4 VJP8	Non-voltage contact / Voltage contact	Do not use	+	-	Do not use	+	
VJQ2 (*2) VJQ8	Internally powered current pulse (two-wire system)	PS+					
	Internally powered voltage pulse (three-wire system)	PS+	+	-			
VJSS		+	-	+	-	+	
VJF1						+	
		Do not use	Do not use	Do not use	Do not use	Do not use	
		Input through one-touch fitting Ø6 of the VJF1.				Do not use	Do not use



\*\*\* 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.

CN1  
Connector's Pin Assignment

CN1		Pin No.	Slot No.
40	39	40	1 +
		39	-
38	37	38	2 +
		37	-
36	35	36	3 +
		35	-
34	33	34	4 +
		33	-
32	31	32	5 +
		31	-
30	29	30	6 +
		29	-
28	27	28	7 +
		27	-
26	25	26	8 +
		25	-
24	23	24	9 +
		23	-
22	21	22	10 +
		21	-
20	19	20	11 +
		19	-
18	17	18	12 +
		17	-
16	15	16	13 +
		15	-
14	13	14	14 +
		13	-
12	11	12	15 +
		11	-
10	09	10	16 +
		09	-
08	07	08	/
		07	/
06	05	06	/
		05	/
04	03	04	/
		03	/
02	01	02	/
		01	/

Note: The figure represents the connector when viewed from the connector cable.

\*1: For 2-channel type, only the voltage output is mountable on VJCE base. Output of channel-1 is output to the connector (CN1).  
 \*2: VJQ2 is a single output type. Do not use the output-2 terminal.  
 \*3: When receiving current input (current pulse), external shunt resistor (receiving resistor) is required.  
 \*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.