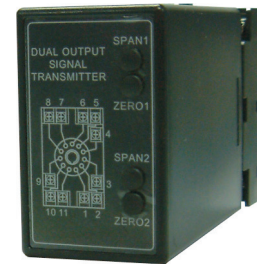


## GENERAL SPECIFICATIONS

<b>POWER SUPPLY</b>	AC 110 / 220V 10% 50 / 60HZ 24V DC or specified
<b>POWER CONSUMPTION</b>	Approx. 4VA
<b>ACCURACY</b>	0.1% F.S.
<b>ZERO RANGE</b>	≤ 5% F.S.
<b>SPAN RANGE</b>	≤ 10% F.S.
<b>RESPONSE TIME</b>	< 250ms (0~90°C)
<b>ISOLATION</b>	2KVA/1min > 100MΩ at 500VDC
<b>AMBIENT TEMP.</b>	-5 to +55°C / 90%RH max.
<b>HOUSING MATERIAL</b>	Plastic (Black)
<b>CONSTRUCTION</b>	Plug-in / socket with screw terminals
<b>MOUNTING</b>	Wall or DIN rail 35mm Socket / Plug-in type

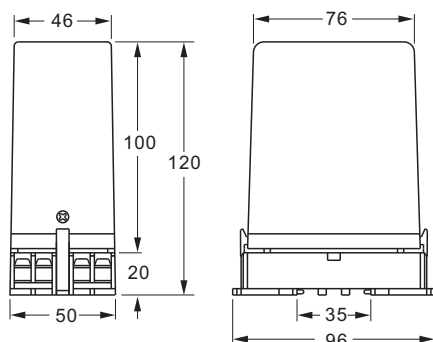


## SPECIFICATIONS

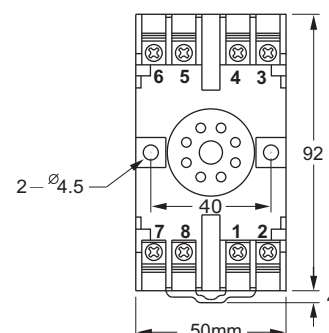
Table 1

INPUT TYPE ITEMS	0	1	2	3	4	5
<b>INPUT SIGNAL</b>	DC Current 50 μA~5A	DC Voltage 10mA~10V	Potentiometer 0.5~50KΩ	RTD DIN43760 PT100Ω 3-wire	Thermocouples K, E, J, T, R, S	Frequency / To be specified
<b>OUTPUT SIGNAL</b>	4~20mA DC (0~500Ω) 1~5V DC (2.5KΩ) V/F: Open collector (NPN / PNP) Contact 0.5A 250V 40CPH~40KCPH F.S				4~20mA DC (Load 500Ω) 1~5V DC (Load 2.5KΩ) F/F: Open collector Contact closure F/I: 4~20mA DC 1~5V DC	
<b>ACCURACY</b>	0.1% F.S. (Current / Voltage) 0.2% 1 digit (V/F)		0.1% F.S.	0.1% F.S. (Span ≥ 25°C)	0.2% F.S. (Span ≥ 10mV)	
<b>LINEARITY OR OUTPUT RIPPLE</b>	0.1% F.S. 0.2% F.S. (P-P to V/F)		0.1% F.S.	0.2% F.S.	0.2% F.S.	
<b>RESPONSE TIME</b>	0.25 sec.		0.4 sec.	0.4 sec.	0.4 sec.	
<b>ZERO / SPAN Adj.</b>	20% F.S. Adjustable by VR					
<b>ISOLATION</b>	≥ 100MΩ with 500V DC (Between power / input / output)					
<b>DIELECTRIC STRENGTH</b>	2KVAC / 1 min (Between power / input / output) 4KV / 1.2 50 μ sec surge tested					
<b>EXCITING POWER</b>	24V DC or specified		Not provided		Optional to be specified	

## DIMENSIONS (m/m)



## SOCKET DIMENSIONS (m/m)

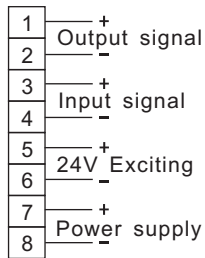




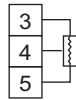
# WIRING CONNECTION

## ONE CHANNEL (351A)

### CURRENT



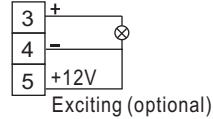
### POTENTIOMETER



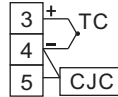
### FREQUENCY



### VOLTAGE



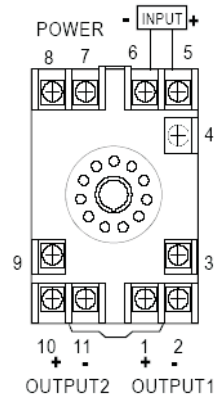
### TC



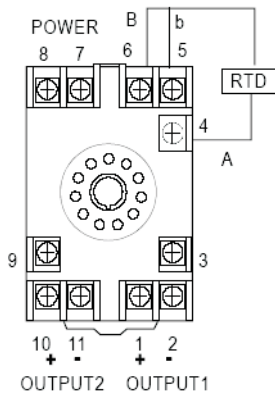
### RTD



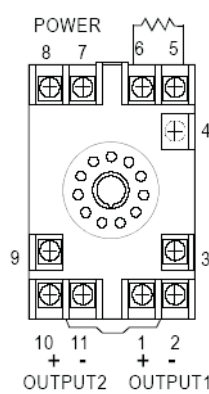
## VOLTAGE, CURRENT (AC,DC) (351B)



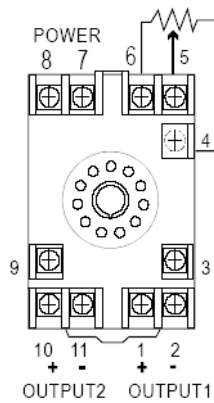
## TEMPERATURE (RTD) (351B)



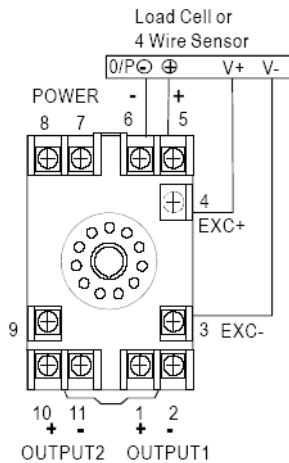
## 2 WIRE RESISTOR (351B)



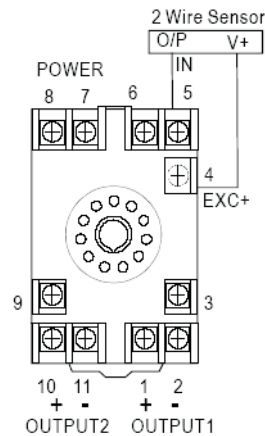
## 3 WIRE POTENTIOMETER (351B)



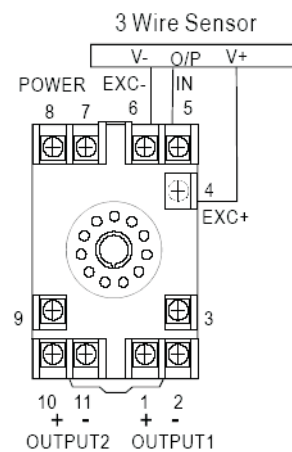
## 4 WIRE SENSOR OR LOAD CELL (351B)



## 2 WIRE SENSOR (351B)



## 3 WIRE SENSOR (351B)



The specifications are subject to change without prior notice

## DOERS TECHNOLOGY CORPORATION

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