

Transmitter 2Ch Output



Inputs

Voltage DC : 0-50mV, 0-1V, 0-5V, 1-5V, 0-10V others by request.
 Current DC : 4-20mA, 10-50mA.
 Transmitter : 4-20mA. with exciting source 24V dc 25mA.

Input impedance : >100 MOhm for <2V
 > 1 MOhm for >2V
 > 10 Ohm for current input

Max input range : <300Vrms for >2V ranges
 <150Vrms for <2V ranges
 <150mA for current ranges

Burden : max 0.15 VA
 Typical overload : 1.5 x rated continuous
 2 x rated for 10 seconds
 4 x rated for 2 seconds

Output

Capacity : 2 channel
 Type : Analog
 Voltage DC : 1-5V, 0-10V others by request.
 Current DC : 0-1mA, 4-20mA others by request.
 Response time : <250msec. (0-90%)
 Drive Capability : <10mA for voltage
 <10 V for current

Accuracy : $\pm 0.25\%FS \pm 1$ Digits.
 Zero range : $\pm 5.0\%FS$
 Span range : $\pm 10\%FS$
 Temp. coefficient : 100ppm/°C (0-50°C)

Power supply : AC/DC 90-260V
 AC/DC 18 - 60V
 AC 110V or 220V 50/60Hz.

Consumption: : 3VA

Environmental conditions

Operating temperature : -10 °C to +60 °C
 Storage temperature : -30 °C to +75 °C
 Relative humidity : 95% max. non-condensation
 Enclosure : IEC 529 (IP52)

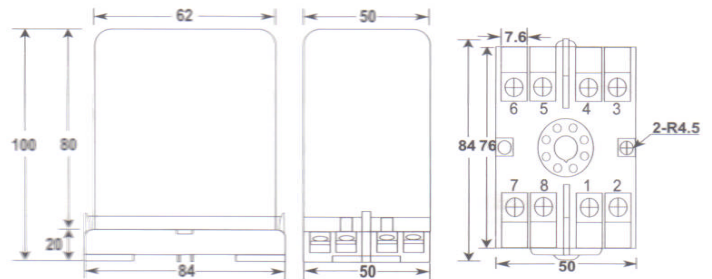
Insulation Test Voltage

Input _Output / Housing : AC 4 kV ANSI c37.90a, DIN-IEC255-4
 Output _Housing : 500 V

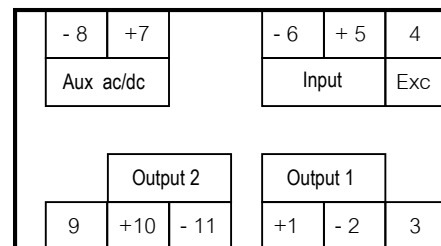
Mechanical characteristics

Material plastic : NORYL UL94 V-0 self extinguishing
 Protection degree EN60529 : IP54 (front panel); IP20 (terminals)
 Terminals : Screw type 2.5mm.
 Front dimension : 84 x 100 x 50 mm.
 Mounting : Din Rail
 Weight : 450 g.

Dimensional Drawing.



Wiring Connection



ORDERING INFORMATION DTD+X1+X2+X3+X4

Example Ordering

Input 4-20mA Output 2x 4-20mA Aux ac/dc 90-260V
 Ordering code DTD + 6 + I + I + B

| X1 | Input DC | X1 | Input DC | X2 | Output - Ch1 | X3 | Output - Ch2 | X4 | Aux. Supply |
|----|----------|------------------------|------------|----|--------------|----|--------------|---------------|--------------|
| 1 | 0-50mV | 6 | 4-20mA | C | 1-5V | C | 1-5V | A | AC/DC18-60V |
| 2 | 0-1V | 7 | *4-20mA | D | 0-10V | D | 0-10V | B | AC/DC90-260V |
| 3 | 0-5V | 9 | By request | F | 0-1mA | F | 0-1mA | Less than 4VA | |
| 4 | 1-5V | * Exciting DC24V 25mA | | I | 4-20mA | I | 4-20mA | | |
| 5 | 0-10V | (two wire transmitter) | | R | By request | R | By request | | |