

- DC Voltage: -10 – +12V DC (up to +10V for Out. 2)
- Minimum span: 5mV
- Zero suppression/elevation: max. 1.5 times span
- Load resistance: output drive 1mA maximum at $\geq 0.5V$

Output	Load Resistance
0 – 10mV	: 10k (Ω minimum)
0 – 100mV	: 100k
0 – 1V	: 1000
0 – 10V	: 10k
0 – 5V	: 5000
1 – 5V	: 5000
-10 – +10V	: 10k
-5 – +5V	: 5000

INSTALLATION

Power input

AC: operational voltage range 85 – 264V (90 – 264V for UL);
47 – 66 Hz; approx. 4VA at 100V
approx. 5VA at 200V
approx. 6VA at 264V

DC: operational voltage range for R: 24V $\pm 10\%$, R2: 11 – 27V, or P: 85 – 150V (110V $\pm 10\%$ for UL);
ripple 10% p-p max.; approx. 3W

- Operating temperature: -5 to +55°C (23 to 131°F)
- Operating humidity: 30 to 90% RH (non-condensing)
- Mounting: surface or DIN rail
- Dimensions: W29.5×H89×D124 mm (1.16"×3.51"×4.88")
- Weight: 200 g (0.44 lbs)

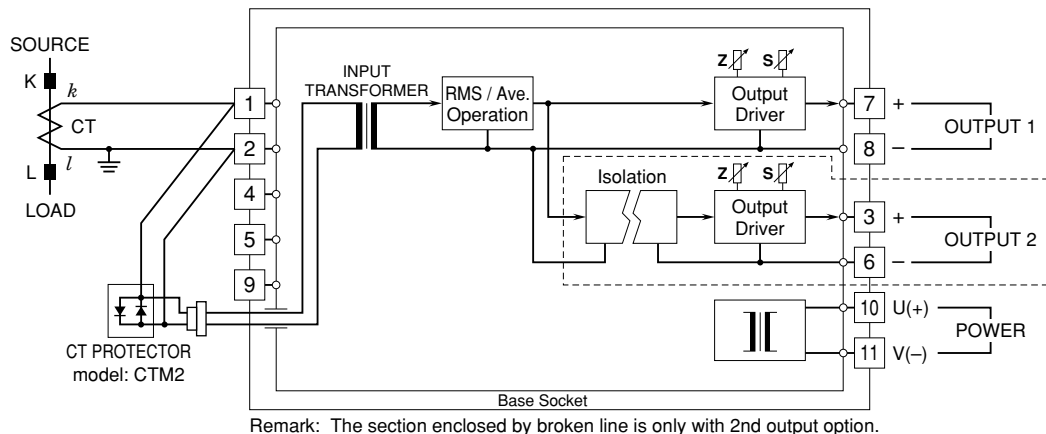
PERFORMANCE in percentage of span

- Accuracy: $\pm 0.3\%$
- Temp. coefficient: $\pm 0.015\%/^{\circ}C$ ($\pm 0.008\%/^{\circ}F$)
- Response time: ≤ 0.5 seconds (0 – 90%)
- Ripple: 0.5% p-p max. (100/120 Hz)
- Line voltage effect: $\pm 0.1\%$ over voltage range
- Insulation resistance: $\geq 100M\Omega$ with 500V DC
- Dielectric strength: 2000V AC @1 minute (input to output 1 to output 2 to power to ground)

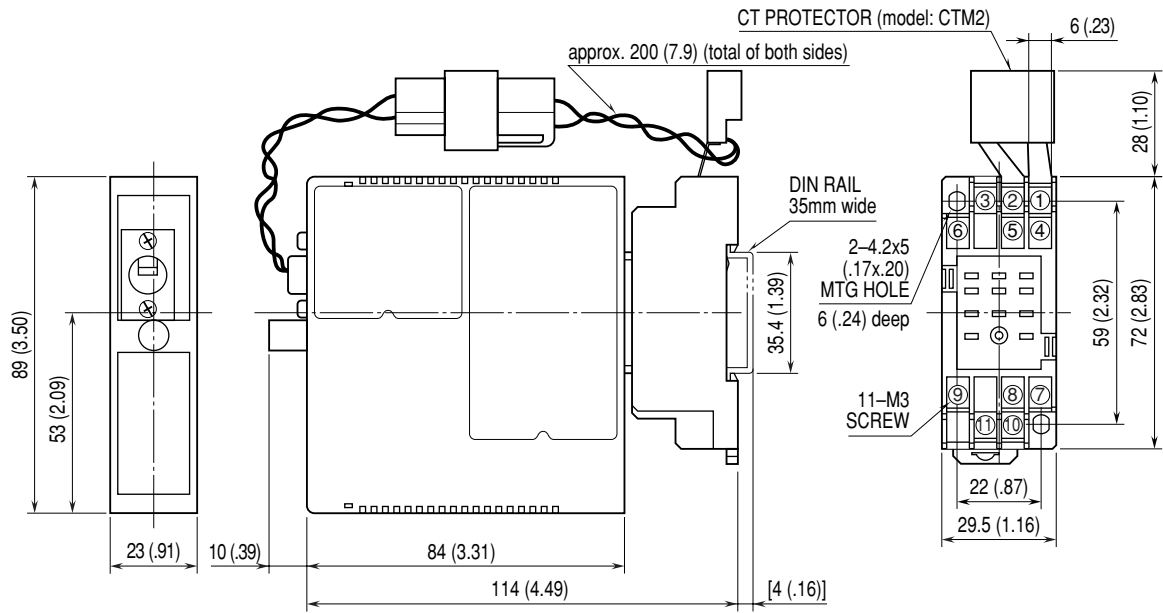
STANDARDS & APPROVALS

- CE conformity: EMC Directive (89/336/EEC)
 - EMI EN61000-6-4
 - EMS EN61000-6-2
- Low Voltage Directive (73/23/EEC)
 - EN61010-1
 - Installation category II
 - Pollution degree 2
 - Max. operating voltage 300V
 - Input or output 1 or output 2 to power – Reinforced insulation
 - Input to output 1 to output 2 – Basic insulation
- Approval: UL/C-UL nonincendive
 - Class I, Division 2, Groups A, B, C, and D (UL 1604, CAN/CSA-C22.2 No.213)
 - UL/C-UL general safety requirements (UL 3111-1, CAN/CSA-C22.2 No.1010-1)

SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM



EXTERNAL DIMENSIONS & TERMINAL ASSIGNMENT mm (inch)



•When mounting, no extra space is needed between units.