

OSI DVT7x EXTENSION MODULE

MODEL **DVT7-EXT**

DESCRIPTION

The **DVT7-EXT** is a 1000Vdc extension module designed to interface with the DVT7x voltage transducers to provide a proportional output. Packaging is in a compact, easy-to-install, DIN rail-mount enclosure.

5 YEAR WARRANTY

DVT7-EXT

DVT7x



SPECIFICATIONS

INPUT

Voltage 0-1000Vdc
 Over-range (without damage) 1.25 X F.S. Rating
 Frequency dc
 Impedance $\geq 2M\Omega$

OUTPUT

Scaling 0-1000Vdc Input = 0-F.S. DVT7x Output

ACCURACY .. (additionally to DVT7x)..... $\pm 0.10\%$ F.S.
 (Includes effects of setpoint, linearity and offset)

DIELECTRIC TEST

Input to DVT7x Output 2500Vdc

TEMPERATURE & ENVIRONMENTAL

Operating Range..... -30°C to +60°C
 Temperature Effect..(additionally to DVT7x) $\pm 0.05\%$ F.S.
 Relative Humidity 0-95%, non-condensing

PHYSICAL

Mounts on standard 35mm "Top Hat" rail, per EN50052/EN60715.
 Termination Wire Size 12-30AWG
 IP Rating IP20
 Weight..... 0.20lbs.

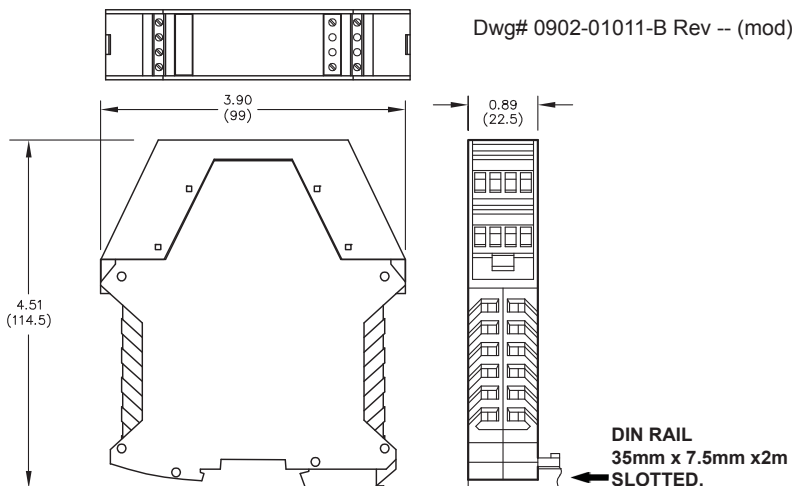
NOTE: Refer to DVT7x Specifications sheet for additional information

DIMENSIONS

Warning! Shock Hazard!

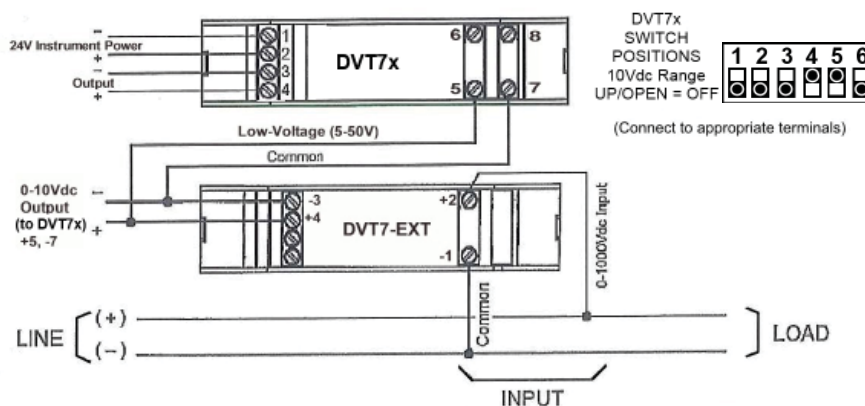
Do not use as a stand-alone device, input/output is not isolated.

When used with a DVT7x, galvanic input/output isolation is provided.



NOTES:
 1. ALL DIMENSIONS ARE IN INCHES (mm)
 2. TOLERANCE: ± 0.03 IN (0.76mm)

CONNECTION DIAGRAM



Dwg# 0902-00985-B Rev -- (mod.)

OHIO SEMITRONICS, INC.

4242 REYNOLDS DRIVE * HILLIARD, OHIO * 43026-1264
 PHONE: (614) 777-1005 * FAX: (614) 777-4511
 WWW.OHIOSEMITRONICS.COM * 1-800-537-6732