

FEATURES

- Two independent channels
- Handles up to 60 SMVU's
- Works with NCRS panels and Tridium Jace with AEI's AETI-485/TTL's

APPLICATIONS

- Converts SM2 trunk to SMVU-P-Bus Trunk

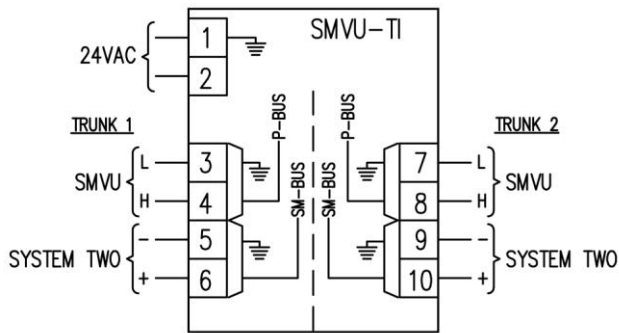
DESCRIPTION

The SMVU-TI translates the SMVU P-BUS protocol to Smart II/ Protocol enabling the NCRS to communicate with the SMVU-V/ VPF Controllers. This interface can communicate with up to 2 trunks of 60 SMVU-LC controllers on each trunk.

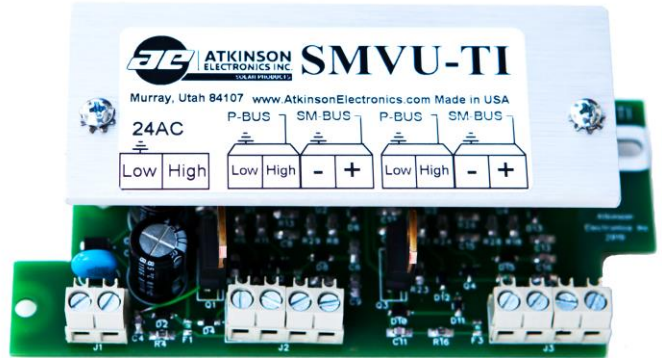
SPECIFICATIONS

SIZE:	4.5" L x 2.0" W x 1.5" D
MOUNTING:	± 8x 3/4" – 2 screws (not included)
POWER:	24VAC ± 15%, 50/60 Hz
POWER CONSUMPTION:	10 VA Maximum
CURRENT SOURCE:	P-Bus 70mA/ P-Bus trunk @ 11.3V
OPERATING ENVIRONMENT:	32° to 122°F (0° to 50°C)
STORAGE ENVIRONMENT:	0° to 158°F (-20° to 70°C)
HUMIDITY RANGE:	5 to 95% RH, non-condensing

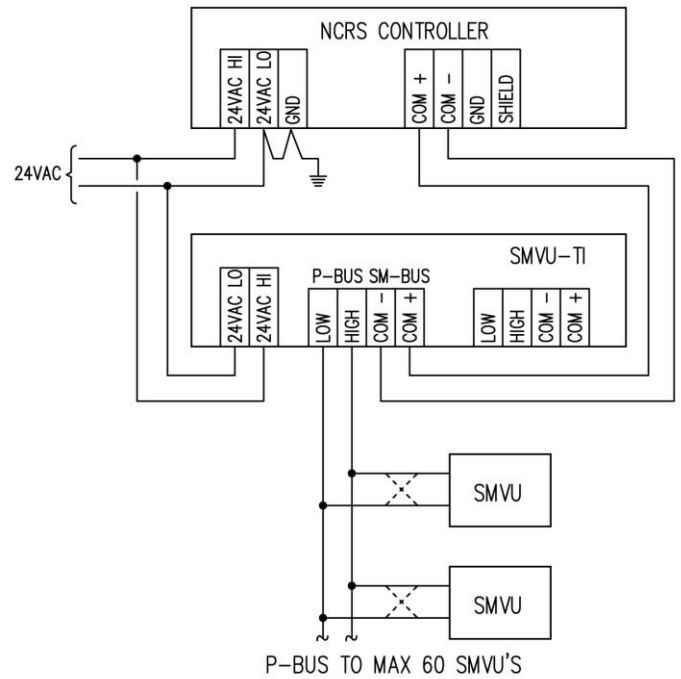
WIRING CONFIGURATION



Refer to SMVU Technical Manual for specific application wiring

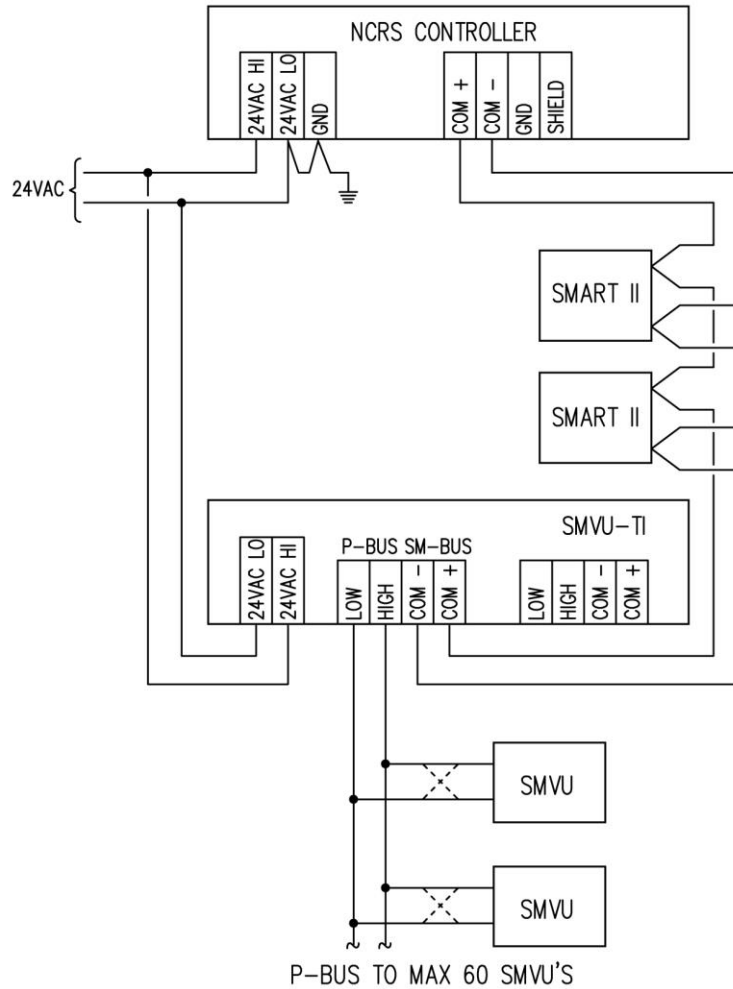


**APPLICATION 1
INSTALLATION WITH SMVU ONLY**



The wiring of SMVU-TI when mounted in the NCRS enclosure. The NCRS 24VAC power connector to the ground stud located on the right side of the NCRS enclosure. A ground wire has to be connected from this ground stud to a good building ground.

APPLICATION 2
INSTALLATION WITH SMART II AND SMVU



How to add SMVU controllers to an existing Smart II trunk. The NCRS 24VAC low is grounded at the NCRS power connector by wiring a ground wire from the STAEFA Net 24VAC power connector to the ground stud located on the right side of the NCRS enclosure. A ground wire must be connected from this ground stud to a good building ground. All SMVU communication trunks must be grounded at the SMVU-TI. The SMVU-TI 24VAC low also needs to be connected to a building ground.