

Open-Frame Transformers

Installation Manual



ST-UVDA-W100Q shown



- Use in a wide variety of applications, including CCTV, access control, and alarms
- Shielded windings to reduce electromagnetic interference (EMI)
- Open-frame type
- Dual input voltage: 120/240VAC, 50/60Hz
- Works with corresponding SECO-LARM power supply/chargers (see back page)

Model	Output Voltage	Watts
ST-UV16-W50Q	16VAC	50W
ST-UV24-W50Q	24VAC	50W
ST-UV16-W100Q	16VAC	100W
ST-UV24-W100Q	24VAC	100W
ST-UVDA-W100Q	24/28VAC*	100W
ST-UVDA-W180Q	24/28VAC*	180W

*Dual voltage output: 24VAC or 28VAC

Parts List

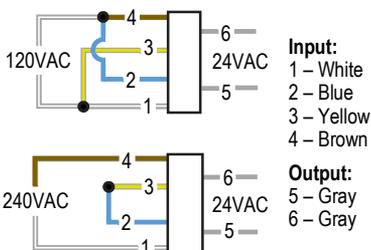
1x Transformer

1x Manual

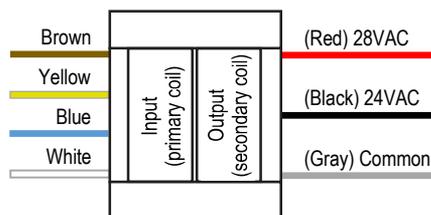
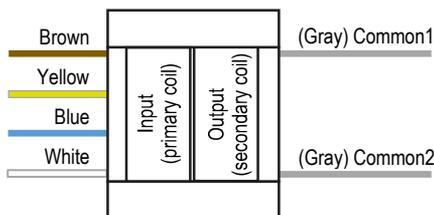
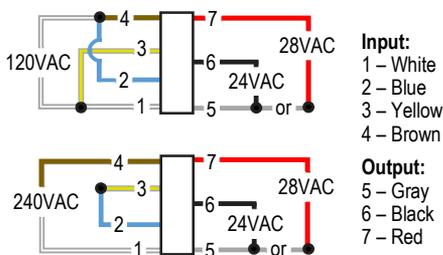
Wiring Diagrams

Wiring the transformer depends on the input voltage. Determine the input voltage using a Volt/Ohm meter before connecting the input wires.

ST-UV16-W50Q / ST-UV16-W100Q
ST-UV24-W50Q / ST-UV24-W100Q



ST-UVDA-W100Q / ST-UVDA-W180Q



NOTE: Cap all unused wires to avoid a potential short circuit.

Specifications

Model	ST-UV16-W50Q	ST-UV24-W50Q	ST-UV16-W100Q	ST-UV24-W100Q	ST-UVDA-W100Q		ST-UVDA-W180Q	
Output	16VAC	24VAC	16VAC	24VAC	24VAC	28VAC	24VAC	28VAC
Amps	3.0A	2.0A	6.0A	4.0A	4.0A	3.0A	7.0A	6.0A
VA	50VA	50VA	100VA	100VA	100VA		180VA	
Input	120/240VAC 50/60Hz							

Matching with ENFORCER Power Supply/Chargers

There is an ENFORCER power supply/charger to match your transformer. See what we have available and then check the *Transformer Selection Table* below. On the line matching your needed output voltage, find your transformer and note the Power Supply/Charger model number at the top of the column.

- Convert low-voltage AC input power to low-voltage DC output power.
- Regulated and filtered output voltage.
- Short-circuit protection.
- Thermal protection and compensation.
- Built-in backup battery charger.
- Switches to backup battery automatically in case of power loss.
- Fused protection for battery charger.
- 2 LEDs to indicate AC power input and DC power output status.
- Compatible with lead acid or gel-type rechargeable battery.
- Reverse polarity protected.



- ST-1206-1.5AQ** 1.5A continuous, 6/12 VDC
- ST-2406-2AQ** 1.5A continuous, 6/12/24 VDC
- ST-2406-3AQ** 2.5A continuous, 6/12/24 VDC
- ST-2406-5AQ** 4A continuous, 6/12/24 VDC
- ST-2406-7AQ** 7A continuous, 6/12/24 VDC
- ST-2406-10AQ** 9A continuous, 6/12/24 VDC

ST-2406-2AQ shown

Transformer Selection Table

Output voltage	ST-1206-1.5AQ	ST-2406-2AQ	ST-2406-3AQ	ST-2406-5AQ	ST-2406-7AQ	ST-2406-10AQ
6VDC	12VAC/20VA	12VAC/20VA	ST-UV16-W50Q 16VAC/50VA	ST-UV16-W100Q 16VAC/100VA	ST-UVDA-W180Q 24-28VAC/180VA	ST-UVDA-W180Q 24-28VAC/180VA
12VDC	ST-UV16-W50Q 16VAC/50VA	ST-UV16-W50Q 16VAC/50VA	ST-UVDA-W100Q 24-28VAC/100VA	ST-UV16-W100Q 16VAC/100VA	ST-UVDA-W180Q 24-28VAC/180VA	ST-UVDA-W180Q 24-28VAC/180VA
24VDC	N/A	ST-UV24-W50Q 24VAC/50VA	ST-UVDA-W100Q 24-28VAC/100VA	ST-UVDA-W180Q 24-28VAC/180VA	24-28VAC/210VA	28VAC/350VA

IMPORTANT: Users and installers of this product are responsible for ensuring that the installation and configuration of this product complies with all national, state, and local laws and codes. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or codes.

California Proposition 65 Warning: These products may contain chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for one (1) year from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy, shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

NOTICE: The SECO-LARM policy is one of continual development and improvement. For that reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is also not responsible for misprints. All trademarks are the property of SECO-LARM U.S.A., Inc. or their respective owners. Copyright © 2023 SECO-LARM U.S.A., Inc. All rights reserved.

SECO-LARM® U.S.A., Inc.

16842 Millikan Avenue, Irvine, CA 92606
Phone: (949) 261-2999 | (800) 662-0800

Website: www.seco-larm.com
Email: sales@seco-larm.com

 PITDW1

MI_ST-UV-xx-Wxxx_231018.docx