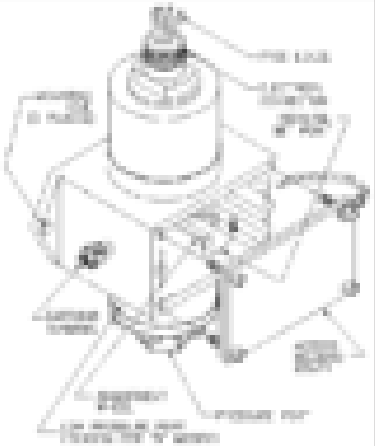
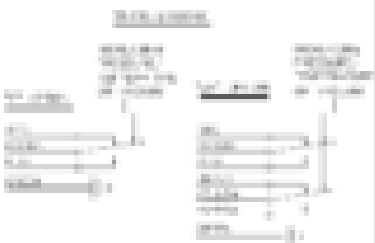
CCS

Installation & Maintenance Instructions

for 61 Model 836C1*T1*, 836T1*T1*, 836Y1*T1*





FOR SERVICE OR ORDERING INFORMATION

Consult factory or authorized factory representative. Specify full catalog part number (with optional modifications) and factory unit point.

WARRANTY

All CCS products and services are sold subject to "CCS standard terms and conditions of sale"

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CCS switches are designed to provide long life and maintain excellent setpoint accuracy under adverse environmental conditions.

Check Nameplate on the switch for maximum proof (overpressure) or vacuum limits, as shown.

I. GENERAL:

a) Observe all Warnings and Cautions contained on the attached Warning Sticker, the Warranty Declaration and the CCS Catalog.

b) Follow all applicable Governmental or other Codes or Regulations.

c) Special Conditions for Safe Use: The integral flow lead wires shall be cable be mechanically protected and terminated in a suitable junction or terminal facility.

II. MOUNTING:

a) Units may be mounted in any position on a flat surface using (2) mounting holes provided and 1/4" screws at least 3/4" long.

WARNING: RELEASE ALL PRESSURE PRIOR TO INSTALLATION OR REMOVAL OF THIS DEVICE. DO NOT EXCEED NAMEPLATE LISTED PROOF PRESSURE.

b) Units are supplied with female NPT ports as standard suitable for connection to NPT pipe nipples or NPT taper threaded pipe. CCS recommends use of either a union or bendable tubing. This will eliminate excessive strain on the housing.

c) Pipe joint sealing compound is preferred over Teflon tape. However, either method of sealing is acceptable with proper care to avoid introducing sealing material into pressure switch or plumbing.

III. ELECTRICAL CONNECTIONS:

WARNING: DO NOT MAKE ELECTRICAL CONNECTIONS WHILE ELECTRICAL POWER IS ON. THIS PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN TO AVOID RISK OF ELECTROCUTION

a) Electrical conductors are provided within a male conduit connection.

b) When making wire connections disconnect electrical power. Check for multiple circuits.

c) Make electrical connections in accordance with the appropriate codes and regulations. Keep as much wire as possible for a service loop to facilitate service. Use wiring diagrams.

d) Proper grounding must be accomplished by use of the illustrated earthing terminal provided.

IV. ADJUSTMENT:

Pressure settings are externally adjustable. (Not applicable if units are factory set)

a) If the electrical circuit cannot be used for testing, disconnect electrical power and use a suitable circuit tester or light bulb.

b) Remove access cover. Rotate adjustment wheel as illustrated with pressure port facing down) turn clockwise to increase settings or turn counterclockwise to decrease setting.

c) Re-install access cover. d) Reconnect electrical circuit e) Return power to unit.

WARRANTY AND LIABILITY

If the switch is used in strict accordance with these instructions, is not used under the conditions of overload or surge, is not modified and operated in accordance with applicable codes, regulations and standards, it will operate in conformance with published specifications for a period of one year from the date of shipment. Failures in accordance with these instructions during the warranty period, at the discretion of CCS, will be repaired or replaced without charge. CCS's warranty does not cover damage to the switch caused by accident, misuse, misapplication or any unauthorized modification. Return of any switch for warranty determination must be authorized by CCS. In no event shall CCS be liable for consequential damages. CCS's liability for any breach of warranty shall be limited to repair or replacement of the switch. CCS shall not be liable for any damages or delays resulting from the inability to use the switch or from the application or use of the switch. Buyer shall indemnify CCS against any claims made by a third party for damages arising out of the sale, use or misuse of the switch. CCS makes no other warranties, express or implied, and specifically disclaims any warranty of merchantability or fitness for a particular purpose. CCS's liability for damages to you or anyone else shall never be greater than the purchase price of the switch.