**NC NONMETALLIC COVERS FOR CONTROL STATIONS**

Installation & Maintenance Information

**APPLICATION**

The NC nonmetallic covers are used in conjunction with Cooper Crouse-Hinds control stations for equipment protection and protection against accidental shut down in a facility.

Use of these covers does not alter the NEMA environmental rating of the enclosed equipment. For example, when used with an EFS/EFSC series of back box these assemblies are suitable for use in Class I, Groups B, C and D (Division 1 and 2), Class II, Groups E, F and G and Class III hazardous locations, as defined by the National Electrical Code® (NEC). Also, when used with an EDS/EDSC series of back box these assemblies are suitable for use in Class I, Groups B (Division 2 only), and C & D (Division 1 and 2), Class II, Groups E, F and G and Class III hazardous locations.

**INSTALLATION OF BACK BOX**

### Hinged Cover

1. With lid in closed position, grip the cover by the side. Using your fingers, gently pull the plastic bottom grips to the side until there is sufficient room to slip the cover over the control station or enclosure device. Now that the cover has started to slide over the control station, make sure to check that the gaskets are aligned to clear the edge of the control station. Now proceed to slide the cover over the control station until it becomes possible to push the plastic bottom grips into position.

2. Run a bead of silicone weatherproofing around the base of the conduit. This precaution will keep moisture from entering the control station by way of the threads.

### Quick Access (Open Style) Cover

1. Grip the cover by the side. Using your fingers, gently pull the plastic bottom grips to the side until there is sufficient room to slip the cover over the control station. Now that the cover has started to slide over the control station, make sure to check that the gaskets are aligned to clear the edge of the control station. Now proceed to slide the cover over the control station until it becomes possible to push the plastic bottom grips into position.

2. Run a bead of silicone weatherproofing around the base of the conduit. This precaution will keep moisture from entering the control station by way of the threads.

**MAINTENANCE**

- Frequent inspection should be made. A schedule for maintenance checks should be determined by the environment and frequency of use. It is recommended that it should be at least once a year.
- Perform visual, electrical and mechanical checks on all components on a regular basis.
- Visually check for undue heating evidenced by discoloration of wires or other components, damaged or worn parts or leakage evidenced by water or corrosion in the interior.
- Electrically check to make sure that all connections are clean and tight, and that contacts in the components make or break as required.
- Mechanically check that all parts are properly assembled and that operating mechanisms move freely.

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Cooper Crouse-Hinds "Terms and Conditions of Sale", and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.