



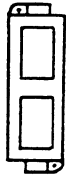
EDSCM MODULAR CONTROL STATION BODIES WHEN USED IN HAZARDOUS LOCATIONS

1. Modular Control Stations consist of one or more bodies as described below:



Single Gang
3/4" Vertical Thru-feed
1" Horizontal Thru-feed

Single gang enclosures for interconnection with other single gang enclosures only.



Tandem 2-gang
1" Vertical Thru-feed
1 1/4" Horizontal Thru-feed
(Also available with 2" vertical thru-feed)



Tandem 3-gang
1" Vertical Thru-feed
1 1/4" Horizontal Thru-feed
(Also available with 2" vertical thru-feed)

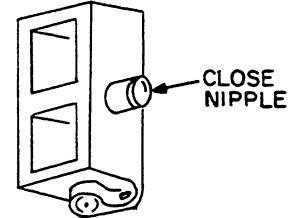
Two and three gang enclosures may be interconnected.

2. These bodies can be joined to each other horizontally by using close nipples (furnished) installed in the internal hub (s) in the sides of each body. In all cases nipples must have at least five full threads engaged.

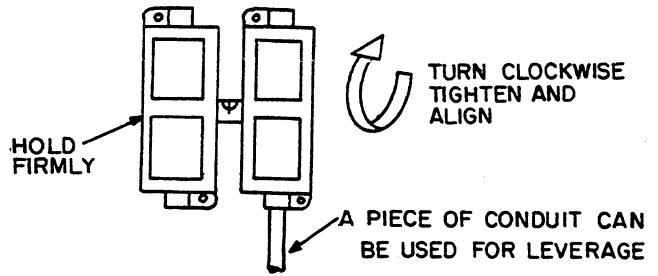
3. The bodies are designed to be used with Crouse-Hinds Company DSD, ENR and CPS cover assemblies only.

MODULE ASSEMBLY

1. Thread close nipple (furnished) into side hub of the body.

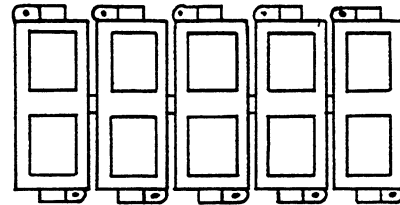


2. Thread hub of second body onto the close nipple of the first body and tighten securely.



3. Add additional bodies the same way. (See compliances and Installation Variations for limitations, if any.)

4. Plug (furnished) all hubs that are not to receive conduit or other bodies. All plugs used must have at least five full threads engaged.



COMPLETED ASSEMBLY

COMPLIANCES AND INSTALLATION VARIATIONS

Hazardous Area Classification	* Maximum Number of Modules to be Assembled Horizontally without Intervening Seals	Type of Devices or Cover Assemblies which can be attached			* Seals Required within 18" of Module Assembly
		DSD	ENR	CPS	
Class I Groups C,D Division 1 (1 or more devices not factory sealed)	5	Yes	Yes	Yes	Yes
Class I Groups C,D Division 1 (all devices factory sealed)	5	Yes	Yes	Yes	Yes
Class I Groups C,D Division 2 (1 or more devices not factory sealed)	5	Yes	Yes	Yes	Yes
Class I Groups C,D Division 2 (all devices factory sealed)	No limit	Yes	Yes	Yes	No
Class II Groups EFG Division 1 or 2	No limit	Yes	No	No	No
Class II Group G Division 1 or 2	No limit	Yes	Yes	No	No
Class III	No limit	Yes	Yes	No	No

* Elimination of explosion-proof seals between bodies in a modular control station applies only to the horizontal or side hubs. If modules are joined at the top or bottom hubs, the standard sealing requirements of the applicable codes and ordinances must apply.

These sealing requirements pertain to the modular assembly only. The N.E.C. and any other applicable codes and ordinances should be consulted for other sealing requirements in the system. (See latest issue of National Electrical Code, Section 501-5 and/or 502-5.)

CAUTION

Machined metal surfaces forming body-cover joints should be protected from mechanical injury and must be kept clean. In assembling equipment, hammers or prying tools are not to be used where they might come in contact with these machined surfaces.

INSTALLATION

1. Mount body assembly in position.
2. Install conduit system.
3. Install wiring in conduit and body assemblies in accordance with applicable codes and standards.

NOTE

For most convenient use, CPS and/or ENR receptacles should be located in lower gangs to avoid in-

terference of plug cords with other devices. DSD covers with factory sealing well are intended for use on only the one-gang bodies and the lower gang of the three-gang bodies.

4. Fasten covers on tightly, using a screw in each screw hole. All cover openings must be closed with suitable Crouse-Hinds DSD, ENR or CPS covers. All screws must have at least five full threads engaged and must be tightened securely.

WARNING

Electrical equipment must be disconnected from supply circuits before disassembling and be reassembled tightly before connecting circuits.

Motor starting switches must be installed in accordance with Article 430 of the National Electrical Code to prevent injury to equipment or personnel.

COVERS FOR MODULAR CONTROL DEVICES TO BE USED IN HAZARDOUS LOCATIONS

CLASS I, Groups C and D; CLASS II, Groups E, F, and G. DSD Series Covers MANUAL MOTOR CONTROLLERS

Catalog Nos. DSD912, -913, -914 & -915 with or without Suffix -S16 and/or -S701 and/or -S602.

Catalog No. DSD916 with or without Suffix -S16 and/or -S602.

PUSH-BUTTON STATIONS

Catalog Nos. DSD918, -919, -920, -921 & -922 with or without Suffix -S111 or -S153 and/or -S697 and/or -602.

Catalog Nos. DSD949, -950 & -951 with or without Suffix -S697 and/or -S602.

Catalog Nos. DSD959 & -960 with or without Suffix -S111 or -S323 and/or -S602.

SELECTOR SWITCHES

Catalog Nos. DSD923, -924, -925, -926, -927 with or without Suffix -S349 and/or -S634.

SWITCHES

Catalog Nos. DSD928, -929, -930, -931 with or without Suffix -S323 and/or -S697.

Catalog Nos. DSD933, -934, -936, -937 with or without Suffix -S16 and/or -S602 and/or -S697.

Catalog Nos. DSD935, -939, -940, -941 with or without Suffix -S16 and/or -S602.

Catalog Nos. DSD952, -953, -954, -955 with or without Suffix -S16 and/or -S697.

PILOT LIGHTS

Catalog Nos. DSD946-J1*, -946-J1*-J1* with or without Suffix -V11 or -V22 and/or -S602.

Catalog Nos. DSD948-J1*-T2** with or without Suffix -S602.

PUSH-BUTTON STATION IN COMBINATION WITH PILOT LIGHT

Catalog No. DSD958-J1* with or without Suffix -V11 or -V22 and/or -S602.

BLANK COVER

Catalog No. DSD957 with or without Suffix -S602.

*May be replaced by -J3, -J4, -J6, -J10, -J11, or -J12

**May be replaced by -T4 or T5

CLASS I, Groups C and D. CPS Series Covers

RECEPTACLES

Catalog Nos. CPS152R with or without Suffix -S4 or -S5 and/or -S28, S30 or S31 and/or -S602 for use with plugs Catalog Nos. CPP312, -316, -516, -3156, -4156, -5156.

Class I, Groups C and D; Class II, Group G. ENR Series Covers

RECEPTACLES

Catalog Nos. ENR5201, ENR6202 with or without Suffix -S602 for use with plugs Catalog Nos. ENP5151, -5201, -6152, -6202.

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 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 herewith.

FILE THIS INSTRUCTION SHEET FOR FUTURE USE