## **GET CUSTOM-BUILT CONTROL STATIONS WITH**

# off-the-shelf turnaround times.

The FlexStation offering is a complete system of interchangeable control station devices that can be quickly and easily assembled on-site into hundreds of configurations, to meet your specific application requirements.

## **Applications**

FlexStation factory-sealed control stations are installed in a rigid metallic conduit system for surface mounting adjacent to or remote from equipment being controlled. They are used:

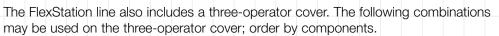
- in conjunction with magnetic starters or contactors for remote control of motors
- to prevent arcing of an enclosed device from causing ignition of hazardous atmosphere(s) outside the enclosure
- in industrial areas where the atmosphere may contain hazardous gases and/or dusts, such as chemical plants, oil and gas refineries, paint and varnish manufacturing plants, gasoline bulk loading terminals, grain elevators, grain processing industries, coal processing or handling areas, and metal handling or finishing areas
- in nonhazardous areas where sturdy, durable enclosures are required

## A COMPLETE SYSTEM OF DEPENDABLE DEVICES AND COMPONENTS

- Device operators
  - Pushbuttons, including single and double maintained and momentary buttons (red/green/black)
  - Pilot lights in five colors with and without transformers
  - Selector switches including keyed and spring return to center options

- Covers
  - Iron or aluminum
  - One, two or three device holes
  - Cover subassemblies with various combinations of operators on a single cover
- Back boxes
  - Iron or aluminum

- Contact blocks
  - Factory sealed
- Device legend plates including premarked and blank
- Hinged and open-front environmental control station covers



- Triple pushbutton
- Two pilot lights plus single pushbutton
- Triple pilot light
- Two pushbuttons plus single pilot light
- Plus any other combination of pushbuttons, pilot lights and selector switches, limited to one contact block per device

### **Standard Materials**

- Back boxes and covers Feraloy® or copper-free aluminum
- Device operators
  - guard nylon
  - operator bearing stainless steel
  - operating shaft stainless steel
  - mounting block iron with zinc plate finish

Contact blocks – thermoplastic with brass contacts

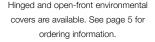
- pushbutton button nylon
- pilot light jewel tempered glass
- Legend plate aluminum

## Standard Finishes

- Feraloy electrogalvanized and aluminum acrylic paint
- Copper-free aluminum natural
- Stainless steel natural

## **Electrical Ratings**

- Pushbuttons 600 VAC heavy-duty (NEMA A600)
- Pilot lights 120 V (higher voltages available, see options)



## **Compliances**

Class I, Division 1, Groups\* C, D

Class I, Division 2, Groups B, C, D

Class II, Division 1, Groups E, F, G

Class II, Division 2, Groups F, G

Class III

Zone 1 & 2 Groups IIB\*

UL/cUL Listed

To make component selection simple we have developed the following five-step process. 5 Steps A worksheet that can be completed and used as a reference when pulling components from stock is available from the Resources area of the Cooper Crouse-Hinds website.



# Step 1

## Select a Cover

Cover only - No Device Operators or Contact Blocks	Cat. #
Single gang (Iron cover with single hole)	DS441
Single gang (Iron cover with 2 holes)	DS442
11/2 gang (Aluminum cover with 3 holes, to be used with EFD1491-SA	
series of back boxes)	DS443-SA
Replacement cover plug for unused device operator openings	DS: 0206765

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### **Options** Suffix to be added to cat. #

Aluminum cover (mandatory suffix on DS443)	SA
Exterior epoxy powder coat finish	S752
Interior & exterior epoxy powder coat finish. Not available	
on three-operator cover (DS443-SA)	S753

# Step 2

## Select a Back Box



## **DEAD END**

Back Box Arrangement	Hub Size	Cat. #	<b>Use with Cover</b>
Single gang back box	1/2"	EDS171*	DS441 or DS442
Single gang back box	3/4"	EDS271*	DS441 or DS442
Single gang back box	1"	EDS371*	DS441 or DS442
Two gang back box	1/2"	EDS172*	DS441 or DS442
Two gang back box	3/4"	EDS272*	DS441 or DS442
Two gang back box	1"	EDS372*	DS441 or DS442
1½ gang back box	1/2"	EFD1491-SA	DS443-SA
1½ gang back box	3/4"	EFD2491-SA	DS443-SA
1½ gang back box	1"	EFD3491-SA	DS443-SA



## **THROUGH FEED**

Back Box Arrangement	Hub Size	Cat. #	Use with Cover
Single gang back box	1/2"	EDSC171*	DS441 or DS442
Single gang back box	3/4"	EDSC271*	DS441 or DS442
Single gang back box	1"	EDSC371*	DS441 or DS442
Two gang back box	1/2"	EDSC172*	DS441 or DS442
Two gang back box	3/4"	EDSC272*	DS441 or DS442
Two gang back box	1"	EDSC372*	DS441 or DS442
11/2 gang back box	1/2"	EFDC1491-SA	DS443-SA
11/2 gang back box	3/4"	EFDC2491-SA	DS443-SA
1½ gang back box	1"	EFDC3491-SA	DS443-SA

## **Options**

## Suffix to be added to cat. #

*Aluminum body	SA
Exterior epoxy powder coat finish	S752
Interior & exterior epoxy powder coat finish	S753