

# ECS Selector Switch Control Stations

## Explosionproof, Dust-Ignitionproof, Factory Sealed and Non-Factory Sealed

### CEC:

Class I, Division 1 and 2, Groups B, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

CSA Type 3R, 7BCD, 9EFG

### Applications

- Push buttons and selector switches are used in conjunction with contactors and magnetic starters for remote control of motors. They provide circuit control and selection.
- Pilot lights provide visual indication that an electrical circuit is engaged either at a remote or local location.
- Toggle switches are used to connect or disconnect electrical operating lighting or other low power loads.

### Features

- Corrosion resistant captive stainless steel hex head bolts hold cover to body.
- Dozens of possible combinations of push buttons, selector switches and pilot lights. Contact your local sales representative for combinations not found in the catalog.
- Push buttons supplied standard with neoprene weather boot.
- Clearly marked terminals with brass screws assure quick, easy wiring.
- Push buttons and selector switches employ heavy duty, 10 Amp 600 Vac rated contact blocks.
- Push button and selector switch contacts are silver cadmium oxide assuring long trouble free operation.
- Pilot Lights are supplied with jewel guard and 120 Vac lamp.
- Factory sealed push buttons are supplied with lockout type guards. Hole in guard locks with up to 1/4" hasp. Permits locking of push button to prevent unauthorized operation.
- Factory sealed control stations confine the arcing to the devices within the enclosure. Eliminates the need for adding external sealing fittings at each conduit entry. (Non-factory sealed devices available, contact your local sales representative.)
- Smooth rounded integral bushing in hub protects conductor insulation.
- Accurately tapped, tapered hubs for tight, rigid joints and ground continuity.
- Temperature rating: T6

### Standard Materials

- Cover: aluminum alloy
- Body: cast copperfree (4/10 of 1% max.) aluminum
- Push buttons: aluminum upper barrel and phelonic lower barrel
- Dust cap models: neoprene buttons
- Pilot light guard and body assembly: aluminum and tempered glass jewel
- Clamping ring: steel
- Selector switch: aluminum operator mechanism and nylon cam

### Standard Finishes

- Body and cover: baked epoxy paint
- Operators: natural finish

### Options

- LED pilot light available. Substitute **J** in catalog number with **L**.
- Three position selector switches with modified operation.
  - Momentary contact right position, spring return to center, maintained contact left position. Add suffix —**S634**.
  - Momentary contact left position, spring return to center, maintained contact right position. Add suffix —**S635**.
- Selector switch lockout for factory sealed units locks two or three position handle in any position. Add suffix —**S349**.



1-Gang — Start and Stop



2-Gang — GFCI and Receptacle

- Pilot light jewel/guard assembly, order by suffixes:
  - Red —**JR**
  - Amber —**JA**
  - Blue —**JB**
  - Clear —**JC**
  - Green —**JG**
  - Opal —**JO**
- For colored LED jewel/guard assembly, order by suffixes:
  - Red —**LR**
  - Amber —**LA**
  - Blue —**LB**
  - Clear —**LC**
  - Green —**LG**
  - Opal —**LO**
- Securing rod for push button factory sealed units. Add suffix —**S153**.
- CSA Type 4X enclosure and cover. Add suffix —**4X**.

### CEC Certifications and Compliances

- CSA Standards: CSA C22.2 No. 25, CSA C22.2 No. 30, CSA C22.2 No. 14-M
- CSA Certified: 038339

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 Class II, Division 1 and 2, Groups E, F, G  
 Class III  
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## ECS Series Push Button Stations — Factory Sealed Devices

	Hub Size (Inches)	Description	Contact Arrangement	Legend Plate	Catalog Number
<b>1-Gang</b>					
	3/4	1 Circuit		Start	<b>ECS3U1</b>
	1	Universal		Start	<b>ECS5U1</b>
	3/4	2 Circuit		Start/Stop	<b>ECS3U2</b>
	1	Universal		Start/Stop	<b>ECS5U2</b>
<b>Emergency Stop — Maintained Contact</b>					
	3/4	1 Circuit		Stop	<b>ECS3UM1</b>
	1	Universal		Stop	<b>ECS5UM1</b>
<b>Emergency Stop — Momentary Contact</b>					
	3/4	1 Circuit		Stop	<b>ECS3MU1</b>
	1	Universal		Stop	<b>ECS5MU1</b>
<b>2-Gang</b>					
	3/4	2 Circuit		Start/Stop	<b>ECS7U2</b>
	1	Universal		Start/Stop	<b>ECS9U2</b>
	3/4	4 Circuit		Start/Stop	<b>ECS7U4</b>
	1	Universal		Start/Stop	<b>ECS9U4</b>