

EDSX & DSDX control stations and snap switches

Features & benefits

- NEMA 4X* protection** - This new design will provide water ingress protection, helping prevent water damage for Class 1, Div 2 application
- Captive screws** - Provide secure fastening while reducing costs associated with lost screws or damage
- New 3-pole 30A factory sealed snap switch** - Provides a means to disconnect motor or other circuits
- Retrofit design** - NEMA 4X* rating available to existing installed base by simply changing the cover of the control station (no need to change the backbox)
- Expanded temperature range** - Temperature range of -40°C to 60°C for extreme environmental conditions

Hazardous and environmental ratings

NEC/CEC	Class I, Divisions 2, Groups B, C, D Class I, Zone 2, IIA, IIB+H2 Class II, Division 1, Groups E, F, G Class III
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Agency certification

NEC	UL1203, UL121201, UL508
CEC	CSA C22.2 Nos. 14, CSA C22.2 Nos. 25 CSA C22.2 Nos. 213-17

Temperature ratings

-40°C to +60°C (-40°F to +140°F)

Environmental ratings

NEMA 4X*

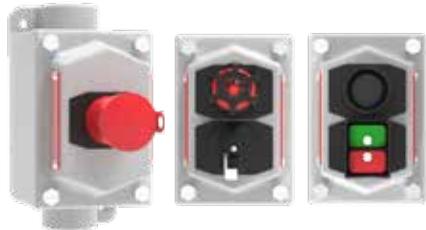
Electrical ratings

DEVX30	120V, 6W
DEVX30 LED	120V, 1.2W
DEVX30 S300	24V, 1.7W
ESWP126	1 N.O. and 1 N.C. contact 10A, 600VAC, A600, P150
DEVX30 LED S300	24V, 0.2-0.6W
DEVX30 gray wire connector	300V
DEVX30 gray wire connector	600V
DEVX30T2	240/120V transformer
DEVX30T4	480/120V transformer
DEVX30T5	600/120V transformer

Weights

Control station type	Material	Weight lbs. (kg.)
Single gang EDS + (2) devices	Aluminum cover & back box	4.7 (2.1)
Double gang EDS + (4) devices	Aluminum cover & back box	8.8 (4.0)
Double gang EDS(X) + (4) devices	Iron cover & back box	9.9 (4.5)
Single gang EDS(X) + (2) devices	Iron cover & back box	19.2 (8.7)

* If existing back box is iron and is used with new X series cover, it is NEMA 4 rated. To achieve NEMA 4X rating, the back box and the cover must be aluminum. Questions, please contact your local sales rep or Eaton's customer service.



Applications

Factory sealed control stations are installed in a rigid metallic conduit system for surface mounting adjacent to or remote from equipment being controlled, and are used:

- To help prevent arcing of enclosed device from causing ignition of a specific hazardous atmosphere, or atmospheres, external to the enclosure
- In industrial areas such as chemical plants, oil and gas refineries, paint and varnish manufacturing plants, gasoline bulk loading terminals, grain elevators, coal processing, or areas where atmosphere may contain hazardous gases and/or dust
- In non-hazardous areas where sturdy, durable enclosures are required
- In conjunction with magnetic starters or contactors for remote control of motors
- Manual motor starting switch enclosures are used:
 - For manual starting of small AC or DC motors
 - To provide manual starting and stopping

Standard materials

Bodies	Feraloy iron alloy or copper-free aluminum
Front operated pushbutton and pilot light covers	Feraloy iron alloy
Side operated type pushbutton covers	Copper-free aluminum
Shafts and shaft bushings	Stainless steel
Rocker handle and pushbutton guards	Type 6/6 nylon
Sealing enclosures	Copper-free aluminum

Standard finishes

Feraloy iron alloy	Electrogalvanized and aluminum acrylic paint
Copper-free aluminum	Natural
Stainless steel	Natural
Type 6/6 nylon	Black

Options

Description	Suffix to add to cat. #
Iron cover (feraloy) with zinc and aluminum paint	Blank
Bodies and covers aluminum - suffix required for "X" (gasketed, NEMA 4X/IP66) configuration	SA
LED pilot lights furnished in place of standard incandescent lights	LED
Exterior epoxy powder coat finish	S752

Note: For Division I applications please use our existing EDS, DSD, and FlexStation series

For additional information,
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