

EDS / EFS Series Control Stations

DSD Cover and Device Sub-assemblies

Cl. I, Div. 1 & 2, Groups B*, C, D†
Cl. II, Div. 1, Groups E, F, G
Cl. II, Div. 2, Groups F, G
Cl. III
NEMA 3, 7B*CD, 9EFG

Explosionproof
Dust-Ignitionproof
Raintight
Wet Locations

4C

For use with EDSCM modular control device bodies see page 513 and EDS/EDSC back boxes.

Features:

- Large machine screws for fastening covers to bodies
- Lockout hole for padlock having 1/4" hasp is provided when used with covers for front lever and side rocker type operation
- Lockout provisions on front operated pushbutton (marked "STOP" and "OFF") and all selector switch covers
- For covers with front lever and side rocker type operating handles, threaded type shafts and bushings are used to ensure flametightness
- Accurately ground flange for flametight joint when mated with ground flange on back box

Certifications and Compliances:

(When used with EDSCM & EDS bodies):

- NEC/CEC:
 - Class I, Division 1 & 2, 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
- NEMA/EEMAC: 3, 7B (Div. 2) CD, 9EFG
- UL Standards: 894, 698
- CSA Standard: C22.2 No. 30

Pushbuttons, Pilot Lights & Selector Switches (when used with EFS bodies):

- NEC/CEC:
 - Class I, Division 1 & 2, Groups B, C, D
 - Class II, Division 1, Groups E, F, G
 - Class II, Division 2, Groups F, G
 - Class III
- NEMA/EEMAC: 3, 7BCD, 9EFG
- UL Standard: 1203
- CSA Standard: C22.2 No. 30

Standard Materials:

- Covers, front operated – *Feraloy* iron alloy and copper-free aluminum
- Covers, side operated – copper-free aluminum
- Shafts and shaft bushings – stainless steel
- Rocker handles, pushbuttons and guards – type 6 / 6 nylon
- Sealing enclosures – copper-free aluminum

CPS delayed action receptacle cover:

- Receptacle housing – copper-free aluminum
- Insulation – diallyl phthalate (DAP)
- Contacts – brass

Standard Finishes:

- *Feraloy* – electrogalvanized and aluminum acrylic paint
- Copper-free aluminum – natural



Options:

The following special options are available by adding suffix to Cat. #:

Description

Description	Suffix
• Lockout provision on front operated pushbutton cover (standard on buttons marked "STOP" and "OFF").....	S153
• Three-position selector switches with modified operation: <ul style="list-style-type: none">Momentary contact clockwise operation, spring return to center, maintained contact counter-clockwise operation.....Momentary contact counter-clockwise operation, spring return to center, maintained contact clockwise operation.....	S634 S635
• Emergency "STOP" button momentary – front operated mushroom button breaks normally closed contacts (DL02 legend plate included - must specify legend text)	S111
• Bodies and covers – copper-free aluminum.....	SA
• For 24 VDC operation on pilot lights.....	S300
• Maintained contact mushroom head with lockout and guard (Will not fit with a pilot light if transformer is required).....	S769
• Spring return to center from right and left (For DEV43 or DEV44 only).....	S842
• Key Operated – removable from all positions.....	S847 K1
• Key Operated – removable from left position for DEV42 or from center for DEV43 and DEV44.....	S847 K2
• Key Operated – removable from right position for DEV42 or from left for DEV43 and DEV44.....	S847 K3
• Key Operated – removable from right position for DEV43 and DEV44.....	S847 K4

Ordering Information Manual Motor Starters

Poles	Max. H.P.	Max. Volts A.C.	Cat. #
With Allen-Bradley Bulletin 600 Switches			
1	1	115–230	DSD910 ①
2	1	115–230	DSD911 ①
With General Electric Switches			
1	1	115–230	DSD912 ①§
2	1	115–230	DSD913 ①§
With Cutler-Hammer Switches			
1	1	115–230	DSD914 ①§
2	1	115–230	DSD915 ①§
With Arrow-Hart Switches			
Without Overload Protection			
2	5	250 (30A)	DSD916
2	7.5	600 (30A)	DSD916
3	7.5	250 (30A)	DSD917
3	15	600 (20A)	DSD917



† When a CPS receptacle cover device is used, the assembly meets requirements for Class I, Groups C and D areas only.

* For pushbuttons, pilot lights, & selector switches, use EFS back box with required external conduit seal for 1 inch hub size, within 5 feet for Class I, Division 1, Group B applications.

§ A comparable factory sealed cover will fit on the EDSCM21 body, EDS and EDSC bodies and in bottom gang of EDSCM33 and EDSCM63 bodies. To order, add suffix S701 to catalog number.

① Includes one interchangeable heater. To select heater see pages 471–472. Symbol 0 (zero) may be used to indicate heater omitted.

DSD-SR Series Horsepower Rated Selector Switch 30 A, 600 V; Front Operated

Cl. I, Groups C & D
Cl. II, Groups E, F & G
Cl. III
Enclosure 3, 5 & 12

Ordering Information

Switch Function	Cat. #	Number of Poles	Number of Positions	Connecting Diagram
ON/OFF	DSD SR30120	1	2	
	DSD SR30220	2	2	
	DSD SR30320	3	2	
	DSD SR30420	4	2	
	DSD SR30520	5	2	
	DSD SR30620	6	2	
DOUBLE-THROW without OFF	DSD SR30121	1	2	
	DSD SR30221	2	2	
	DSD SR30321	3	2	
DOUBLE-THROW without OFF with electrically isolated contacts	DSD SR30123	1	2	
	DSD SR30223	2	2	
	DSD SR30323	3	2	
DOUBLE-THROW with OFF	DSD SR30132	1	3	
	DSD SR30232	2	3	
	DSD SR30332	3	3	
DOUBLE-THROW with OFF and electrically isolated contacts	DSD SR30134	1	3	
	DSD SR30234	2	3	
	DSD SR30334	3	3	

Electrical Specification

Voltage	Horsepower Rating	
	3PH	1PH
120	3	1.5
240	7.5	3
480	10	5
600	10	5

Maximum Current: 30 A

Heavy-duty A600 rating

Options:

Description

Lockout for 2 position switch, handle in either position

Suffix

SX178

Lockout for 3 position switch, handle in either position

S349



DSD-SR cover assembly shown
mounted to an EDS back box