

EPC Magnetic Line Starters and Enclosures

2C

Special Feature Kits

Pushbutton Station and Selector Switch Kits

EPC magnetic line starter and EPC combination line starter enclosures are provided as standard with switch operating shaft holes drilled, tapped and plugged. Pushbutton stations and selector switches can be assembled in these enclosures in the field, using kits listed below.

Applies to 7" and 11" EPC

Description	Cat. #
START-STOP pushbutton station assembly	EPC PB3 KIT
Replacement pushbutton station only for EPC-PB3-KIT	16320 N
ON-OFF selector switch assembly (2 position)	EPC RR2 KIT
Replacement switch only for EPC-RR2-KIT	ESWP126
HAND-OFF-AUTO selector switch assembly (3 position)	EPC RR3 KIT
Replacement switch only for EPC-RR3-KIT	ESWP126

Pilot Light Kits

When EPC magnetic line starter and EPC combination line starter enclosures have been ordered with pilot light holes drilled, tapped and plugged (Cat. No. suffix S541 and S542), pilot lights can be assembled in the field, using kits listed below.

Description	Applies to	Cat. #
Pilot light assembly less transformer	7", 11" EPC	EMP015 ① KIT
Pilot light assemblies with transformer and transformer mounting strap (for single pilot light) suffix S541	7" EPC only	EPC87 ① ② KIT
	11" EPC only	EPC813 ① ② KIT
2 pilot light assemblies with 2 transformers and transformer mounting strap (for double pilot light) suffix S542	7" EPC only	EPC87 ① ① ② KIT
	11" EPC only	EPC813 ① ① ② KIT
Replacement pilot light transformer only (240V primary)	All units	15129 A
Replacement pilot light transformer only (480V primary)	All units	15130 A
Replacement pilot light transformer only (600V primary)	All units	15131 A

①Insert color symbol from table below and

②add primary voltage symbol

Example: EPC87-①-①-②-KIT with red and green pilot lights for 480 volts is EPC-J1-J3-T4-KIT.

Color	Symbol	Color	Symbol
Red	J1	Clear	J10
Green	J3	Blue	J11
Amber	J6		
Voltage	Symbol		
240	T2		
480	T4		
600	T5		

EDS / EFS Series Control Stations

FlexStation™ Control Station Components

Cl. I, Div. 1 & 2, Groups B (Div. 2 only) C, D
Cl. II, Div. 1 & 2, Groups E, F, G
Cl. III
Zone 1 & 2 Group IIB
NEMA 3R, 7B* (Div. 2) CD, 9 EFG, 12

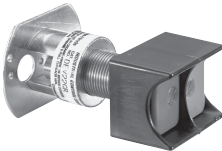
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STEP 1 – Select Operator

Pushbutton – front operated, standard black button



Description	Cat. #
Single button for 1 contact block	DEV11
Single button for 2 contact blocks	DEV12
Double buttons for 2 contact blocks	DEV22



Options	Suffix
Specify color for each pushbutton button (ex: DEV11G, DEV22GR). Color is black if unspecified.	
Green button - unmarked	G
Red button - unmarked	R
Momentary red mushroom head style (not available with lockout or with DEV22)	S111
Lockout with bar and chain (available on DEV11 and DEV12)	S153
Maintained red mushroom head style (lockout comes standard, do not specify S153; not available on DEV22) (Push to stop only)	S769



Pilot Light – factory sealed, incandescent lamp



Description	Cat. #
Pilot light with red jewel	DEV30 J1
Pilot light with green jewel	DEV30 J3
Pilot light with amber jewel	DEV30 J6
Pilot light with clear jewel	DEV30 J10
Pilot light with blue LED and clear jewel	DEV30 J11 LED

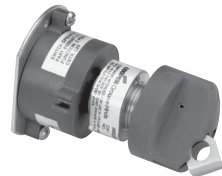


Options	Suffix
LED lamps (standard clear jewel with colored lamp)	LED
24 V lamp (not available with transformer feature)	S300
240 / 120 V pilot light transformer	T2
480 / 120 V pilot light transformer	T4
600 / 120 V pilot light transformer	T5

Selector Switch – with standard lockout



Description	Cat. #
2-position (pos. 1 – N.O., pos. 2 – N.C.) for use with 1 or 2 contact blocks	DEV42
3-position (pos. 1 – N.O., pos. 2 – Open, pos. 3 – N.C.) for use with 1 or 2 contact blocks	DEV43
3-position (pos. 1 – N.C., pos. 2 – N.O., pos. 3 – N.O. for Switch A) (pos. 1 – N.O., pos. 2 – N.O., pos. 3 – N.C. for Switch B) for use with 2 contact blocks	DEV44



Options	Suffix
Spring return to center from right (For DEV43 or DEV44 only)	S634
Spring return to center from left (For DEV43 or DEV44 only)	S635
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

STEP 2 – Select Contact Block (if required). For product details see page 571.

Contact Block



Description	Cat. #
Contact block, 1 NO and 1 NC, 10A, 600VAC, A600 rating	ESWP126

For additional technical information see page 571.

Note - Each control station will accept a maximum of three contact blocks. Select device operators accordingly. DEV12, DEV22 and DEV44 may not be used on a three-operator (DS443-SA) cover. DEV42 and DEV43 may not be used on a three-operator cover when using them with two contact blocks.

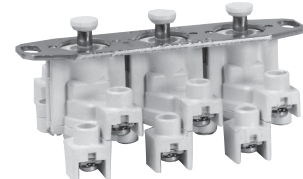
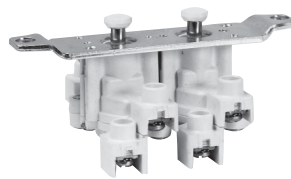
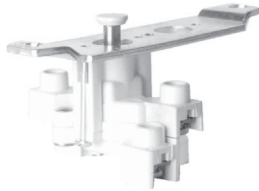
Replacements for Pushbutton and Selector Switch Control Stations

4C

600 VAC Heavy Duty

ED Series Pushbutton Contacts (for control stations built in 1996 or earlier)

Complete with Mounting Strap and Hardware



Where Used

MC pushbutton stations and selector switches
OAC pushbutton stations and selector switches
EWC pushbutton stations
EMP selector switches
DSD962 pushbutton cover

1 Circuit
Universal



Cat. #

ED11

ED21

-

ED38

-

2 Circuits
Universal



Cat. #

ED12†

ED22†

ED32†

-

-

2 Circuits
1 Open - A
1 Closed - B



Cat. #

ED12†

ED22†

ED32†

-

-

3 Circuits
Universal



Cat. #

-

-

-

-

ED13

FlexStation Series Pushbutton Contacts (for control stations built in 1997 or later)

Contact Block without Mounting Strap



Where Used

EDS and EFS pushbutton stations and selector switches
DSD962 pushbutton cover

1 Circuit
Universal



Cat. #

ESWP126

-

2 Circuits
Universal



Cat. #

ESWP126 (2)

-

2 Circuits
1 Open - A
1 Closed - B



Cat. #

ESWP126 (2)

-

3 Circuits
Universal



Cat. #

-

ESWP126 (3)

Contact Ratings

Volts	Max. Current (Amperes)		Voltamperes		Continuous Current (Amperes)
	Make	Break	Make	Break	
600 VAC Heavy Duty (NEMA A600)					
120	60	6.0	7200	720	10
240	30	3.0	7200	720	10
480	15	1.5	7200	720	10
600	12	1.2	7200	720	10
Direct Current (NEMA P150)					
125	1.1	1.1	138	138	5

External Operating Buttons



CF859



CF705

Where Used

MC, EFS, and EFD – current design with nylon guards

EMPS019, EMP019, EMPS029 and EMP029 – single operator FS, EFS, and EFD – previous design with aluminum guards

Colors Available

Red, Green, Black

Red, Green, Black

Cat.

CF859 K1 ①

CF705-K1 ①

① If desired, markings on indicating plates may be added to catalog number. Select from the list of standard markings below:

START	OFF	RESET	LIGHT ON
STOP	RUN	TRIP	HAND
ON	JOG	TEST	AUTOMATIC

EMERGENCY	OPEN	DOWN	RAISE
FORWARD	CLOSE	IN	LOWER
REVERSE	UP	OUT	

Note: CF859-K1 and CF705-K1 come with 5 buttons.

† Two universal contact blocks, must be wired as two circuits, with one normally open and one normally closed.

‡ Use CF705-K1 for DEV11 and DEV12. To order DL legend plates see page 516 for markings.

Crouse-Hinds

by **E•T•N**

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