

Main Features:

The S825 switch is designed for main and auxiliary circuits operated by hand as ON/OFF, code, gang, changeover, multi-step, instrument or motor switches. The modular design offers different switching stages which can be easily assembled and disassembled. Spring pressure keeps the bridge closed and a cam disk opens it forcibly.

- Sturdy, double-pivoted stop ensures precise switching.
- Switching stages, latching mechanisms and cover plates are bolted together to form the basic switch.
- Three cam disks per switching stage prevents unilateral lifting forces to the slide.
- Switching angles of 30, 45, 60 and 90 degrees are available.
- Dust protection cover, cylinder locking, padlockable handle options available.



Building the Part Number ...

Mounting Units	
Front	B03
Rear	B02
Front & Rear	B10

Escutcheon Plates	
Square	
Order	8PS
Dimen. (H)	5.12"
Dimen. (W)	5.12"

Rectangular	
Order	8PR
Dimen. (H)	5.12"
Dimen. (W)	5.91"

Combination of escutcheon and handle			
<i>Change the last two digits of the order number to reflect your escutcheon and handle type combinations.</i>			
Escutcheon	Legend Plate	Handle	Order No.
Black	Silver	Black	...M1/H1
Grey	Silver	Grey	...M2/H2
White	Silver	White	...M3/H3
Yellow	Yellow	Red	...M4/H4
Black	Silver	Red	...M5/H5

Handles / Operators

H-Handle (Lever)



	mm	in.
L	165	6.5
W	75	2.95
D	61	2.40

...H1

Also available:
Padlockable handle

Ordering Information

- Determine basic switching design.** Standard switches may be selected from the standard switch listing. We require the number of positions; contact closure in each position.
- Select mounting unit.**
- If escutcheon plate (name plate) is desired, select appropriate item.** Specify engraving or marking required.
- Choose a handle to operate switch.**

See reverse side for dimensions. If rear mounting is needed, long shaft or door interlock must be specified in the order.

Standard handle: Black.
See "Combinations of escutcheons and handle" table to the left for other color selections.

S825 315A / 600V Cam Switch



PC&S products are manufactured under a total quality system that provides total engineering integrity. Products have been engineered to satisfy specifications, performance, reliability and life cycle to exacting standards.

PC&S strives to meet customer requirements and exceed expectations. We do this through monitoring and measuring our process and product, customer satisfaction, internal auditing, analysis of production data, continual improvement including corrective and preventative action. Our quality management systems are certified in accordance with ISO 9001:2000 standards.



AC Ratings		
Operating Voltage	Volts	600
U/L 508 and/or CSA C22.2-14		
Continuous Current	AMPS	315
Horsepower Rating	120V	30 HP
(40-60 hz) per	240V	50 HP
U/L 508 and/or	480V	50 HP
CSA C22.2-14	600V	50 HP

Ampere Rating per	AMPS	240
U/L 508 and/or CSA C22.2-14		
Make and break = 6 to 10 times normal current min.		

Kilowatt Rating per	220V	37 KW
IEC 408, 30, AC3	380V	55 KW
	500V	55 KW

Wire Size	AWG	350 MCM
	MM ²	185

Bolt Size Connection	M	M12
Bolt Diameter	in.	7/16"

Operating Temperature		
Range °F: -13°F to +122°F		
Range °C: -25°C to +50°C		

Mechanical Details	
Mounting Forms	
	Four hole panel mounting
	Base mounting

Handles / Operators	
	H-Handle
	Padlockable Handle

Options	
	Door clutch
	Door clutch, interlock, padlock device

UL Approved

For other ratings, refer to the appropriate data sheet.

Dimensions		
	mm	in.
A1	130	5.12
C1	57	2.24
D	210*	8.20*
D1	20	0.79
D2	5.5	0.22
E1	104	4.09
* terminal lugs included		
'L' Dimensions	Stages	1 2 3 4 5 6 7
	Length (in.)	3.5 4.92 6.34 7.76 9.17 10.59 12.01
Max. 12 stages. Each additional stage adds 1.42" (36mm)		

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