



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.

Ordering Information

- 1. 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.
- 2. Select mounting unit.
- **3.** If **escutcheon plate** (name plate) is desired, select appropriate item. Specify engraving or marking required.
- 4. Choose a handle to operate switch.



Building the Part Number ...

Mounting Units					
Front	B03				
Rear	B02				
Front & Rear	B10				

See reverse side for dimensions. If rear

mounting is needed, long shaft or door

interlock must be specified in the order.

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

Escutcheon Plates

Combination of escutcheon and handle

Change the last two digits of the order number to reflect your escutcheon and handle type combinations.

Escutch- eon	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 6.5W 75 2.95

D 61 2.40

...H1

Also available: Padlockable handle

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



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.

220V	37 KW		
380V	55 KW		
500V	55 KW		
AWG	350 MCM		
MM^2	185		
М	M12		
in.	7/16"		
	380V 500V AWG MM²		

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

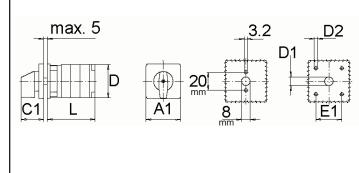
Door clutch

Door clutch, interlock, padlock device

UL Approved

For other ratings, refer to the appropriate data sheet.

Dimensions



'L'	Stages	1	2	3	4	5	6	7	
Dimensions	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)									

in. mm Α1 130 5.12 C1 57 2.24 D 210* 8.20* D1 0.79 D2 0.22 104 4.09

* terminal lugs included



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