

Single-Phase Overhead Distribution Switches

The Switches You Need

Peak Demand offers a line of single-phase switches available in voltage ratings ranging from 15 to 38kV. Our switches are available in multiple design configurations with either porcelain or silicone insulators.

Product Features

- Base and back strap: strengthened channel of galvanized steel for corrosion protection and solid operation
- Self-aligning silver to silver contacts ensure long life
- Entire blade is silver-plated copper
- Loadbreak hooks made of galvanized steel for corrosion protection, to be used with loadbreak tool
- Standard two-hole NEMA plated pad or optional two-piece parallel groove

Application

The SDP and SDS disconnect switches are hookstick-operated switches used to sectionalize or isolate circuits on electrical distribution systems through 38kV. These switches can be mounted on a single or double crossarm and are rated for 600 or 900 A continuous current, 25kA for 2 seconds, and 65 kA peak withstand current (40 kA momentary).

Cross Reference

Peak Demand Switches can be crossed to the following types

ABB - Type DCD Switch

Hubbell - Type M3D and M3H Switches

S&C Electric - Style numbers beginning with 14, 46, 47, 49

Siemens (Bridges) - Type EF Switch

Eaton (Cooper) - Types D-73P Switches

Contact EnerLink for application support in
Alberta, British Columbia, Yukon, and NWT
780-912-1020, hello@enerlinkcorp.com
www.enerlinkcorp.com



The Peak Demand Advantage

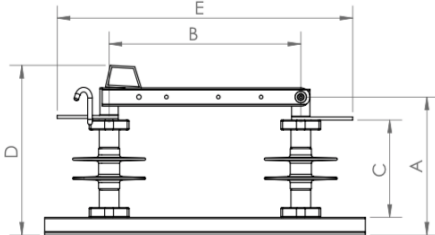
- The shortest lead times in the industry
- Designed and engineered to meet customer specifications
- Fast turn-around time for custom quotations
- Friendly team of industry veterans with decades of experience serving utility customers
- Samples available



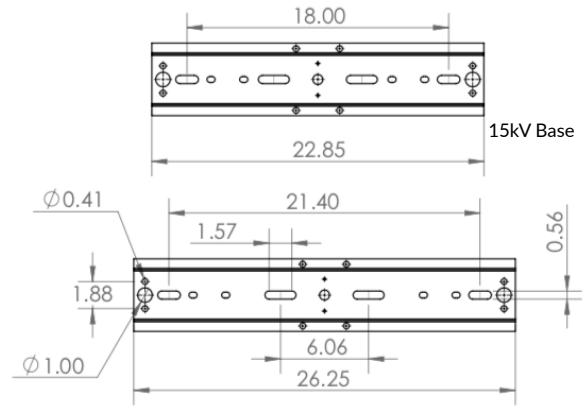
Outline Drawing

VOLTAGE CLASS KV	BIL (KV)	CONTINUOUS CURRENT (A)	A (in)	B (in)	C (in)	D (in)	E (in)
15.5	110	600/900	11.25	13	7.75	14.25	22
27	125	600/900	13	16	9.5	16	25
38	150	600/900	15.25	16	11.75	18	25

* ALL DIMENSIONS ARE FOR REFERENCE ONLY



Dimensions in inches



27-38kV Base

Portfolio

Peak Demand's silicone and porcelain switches are available in ratings from 15 to 35kV. Switches are available in multiple popular design configurations. Please use the part number

Part number configurator

Digit 1	Digit 2	Digit 3		Digit 4	Digit 5	Digit 6	Digit 7	Digit 8	Digit 9		Digit 10	Digit 11
Product	Switch Type	Insulator Type	-	Rated Voltage	BIL	Terminal Type	Amp Rating	Option	Option	-	Bracket Type	Blade Stop
S	D	P	-	1	1	N	6	0	0	-	N	9
		S		2	2	P	9				8	
				3	5						1	

Example part numbers: SDS-11N600-89; SDP-22N900-19

Part number digit options

Digit 2		Digit 3			Digit 4		Digit 5		Digit 6		Digit 7	
Switch Type		Insulator Type		-	Rated Voltage (KV)		BIL (KV)		Terminal Type		Continuous Current Rating	
D	Dual	P	Porcelain	-	1	15.5	1	110	N	Two Hole NEMA Pad	6	600
		S	Silicone		2	27	2	125	P	Parallel Groove	9	900
					3	38	5	150				

Digit 8		Digit 9			Digit 10		Digit 11	
Options		Options		-	Bracket Type		Blade Stop	
0	None	0	None	-	N	No Backplate	9	90 Degree Stop
					8	Backplate & hardware 8"		
					1	Backplate & hardware 10"		

Peak Demand Inc. strives to keep the information in this document current and accurate. Please contact Peak Demand if there is any question as to the accuracy or completeness of the information contained in this document. Proper product selection and product application is the sole responsibility of the purchaser. Peak Demand reserves the right to discontinue any product or service at any time.

© Peak Demand Inc. All Rights Reserved.