

S&C Loadbuster Disconnect® Switches
Outdoor Distribution (14.4 kV through 34.5 kV)

Catalog Number Cross-Reference

This cross-reference guide has been developed to facilitate the selection of an S&C Loadbuster Disconnect Switch given the specific catalog number of a competitive disconnect switch. The competitive disconnect switches listed in Tables 1 and 2 are equivalent to S&C Loadbuster Disconnect Switches in ratings only; complete electrical and mechanical interchangeability of competitive disconnect switches with S&C Loadbuster Disconnect Switches cannot be precisely determined and is not to be inferred.

TABLE 1—BRANCH- AND MAIN-FEEDER STYLES

Rating					Catalog Number①																	
					Competitive Disconnect Switches																S&C Loadbuster Disconnect Switches	
					A.B. Chance Type M3③		Cooper Type D2 and Type M2④	Firon Type SM	Kearney		Royal Type BLT		Southern States					Turner Type AHDS⑨⑩	USCO			
Nom.	Max	BIL	Cont.	Peak Withstand ②	Bases with Carriage-Bolt Slots	Smooth- Slotted Bases			Types D & DIL	Type D-73⑤	Parallel Blade	Truss Blade	Type PBL⑥	Type PDJ⑥	Type PH	Type PL⑦	Type PN⑧		Type HD-H2I⑪	Type HD-66⑫	Bases with Carriage-Bolt Slots	Smooth- Slotted Bases
7.2	7.8	75	200	32 500	—	—	—	—	—	—	—	—	—	—	PH-75200	—	—	—	—	—	—	
			400	32 500	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			600	65 000	—	—	—	—	—	—	—	—	—	PDJ-1-75607	PH-75400	08102488	08102494	—	—	—	—	
			600	65 000	—	—	—	—	—	—	—	—	—	PDJ-2-75607	PH-75600	08102489	08102495	—	—	—	—	
7.5	8.25	95	400	32 500	—	—	—	—	125702	—	—	—	PBL-75400	—	—	—	—	AHDS-7.5-4	—	—	—	
			600	65 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			600	65 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			900	65 000	—	—	—	—	—	—	19912	18637	—	—	—	—	—	—	—	—	—	
14.4	15.5	95	1200	99 125	—	—	—	—	—	—	—	—	—	—	—	—	—	AHDS-7.5-12	—	—	—	
			200	32 500	—	—	—	—	—	—	—	—	—	—	PH-15200	—	—	—	—	—	—	
			400	32 500	—	—	FW(**)D3	—	—	—	—	—	—	—	PH-15400	08102490	08102496	—	—	—		
			600	40 625	—	—	FW(**)D6	—	—	—	—	—	—	—	—	—	—	—	—	—		
			600	65 000	M3D-61	M3H-61	FW(**)D64	—	125700	—	—	—	—	PDJ-1-15600	PH-15600	08102491	08102497	—	—	—		
			600	65 000	—	—	FW(**)M1	—	—	—	—	—	—	PDJ-2-15609	—	—	—	—	—	—		
		110	900	65 000	M31509095H	—	—	—	—	—	19914	18639	—	—	—	—	—	—	—	—	—	
			400	32 500	—	—	FW(**)D4	—	—	—	—	—	PBL-15400	—	—	08102492	08102498	AHDS-15-4	—	—	—	
			600	40 625	—	—	FW(**)D7	—	—	—	—	—	PBL-15600	PDJ-2-15611	—	08102493	08102499	AHDS-15-6	—	—	—	
			600	65 000	M3D-62	M3H-62	FW(**)D74	—	125701	127700	—	—	—	—	—	—	—	—	HDH-146	HDH-66-156●	4942R10■	
125	600	65 000	—	—	FW(**)M2	—	125703▲	—	—	—	—	—	—	—	—	—	—	—	4922R10★			
	900	65 000	M31509110H	—	—	—	—	127702	19916	18641	—	—	—	—	—	—	—	—	4752R10			
25	27	125	1200	99 125	—	—	—	—	—	—	—	—	—	—	—	—	—	AHDS-15-12	—	—	—	
			900	65 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			600	65 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			600	65 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		150	400	32 500	—	—	FW(**)D5	—	—	—	—	—	—	—	—	—	08102500	—	—	—	—	
			600	40 625	—	—	FW(**)D8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			600	65 000	M3D-63	M3H-63	FW(**)D84	—	—	127701	—	—	—	PDJ-1-25600	—	—	08102501	—	—	—	4943R10■	
		200	600	65 000	—	—	FW(**)M3	—	—	—	—	—	—	—	—	—	—	—	—	—	4622R1▲	
			600	65 000	—	—	—	—	—	127703	19918	19853	—	—	—	—	—	—	—	—	4733R10	
			1200	99 125	—	—	—	—	—	—	—	—	PBL-23400	—	—	—	08102502	AHDS-23-4	—	—	—	
34.5	38	150	600	65 000	—	—	FW(**)D94	—	—	—	—	—	—	—	—	—	—	—	—	—		
			600	65 000	—	—	FW(**)M4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			900	65 000	—	—	—	—	—	127938	19995	—	—	—	—	—	—	—	—	—	—	
		200	600	65 000	—	—	—	—	—	—	—	—	—	—	—	—	—	AHDS-34-6	—	—	—	
			600	65 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			1200	99 125	—	—	—	—	—	—	—	—	—	—	—	—	—	AHDS-34-12	—	—	—	
		240	900	65 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			250	600	65 000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

① All disconnect switches may be mounted vertical or inverted with the exception of Southern States Type PBL, which may only be mounted in the vertical position.

② Peak withstand ratings have been calculated based on momentary asymmetrical ratings and assuming a circuit X/R of 15. The values for S&C units listed are from the tests conducted per applicable standards.

③ Options are identified by suffix letters applied to the base catalog number: “-B,” back strap with hardware; “-C,” captive hardware; “-D,” dead-ending brackets with hardware; “-E,” polymer insulators; “-L,” open position latch; “-P,” parallel-groove terminals with hardware; “-R,” bypass studs; and “-X,” extended base (28 inch).

④ Options are identified by one or more numbers (**) in the third and fourth positions: “1,” basic disconnect; “5,” disconnect equipped with loadbreak hooks; “7,” disconnect equipped with loadbreak hooks and two bolts for single- and double-crossarm mounting; “8,” disconnect equipped with loadbreak hooks and four bolts for double-crossarm mounting; and “15,” disconnect equipped with quick-break mechanism.

⑤ Options are identified by suffix letters applied to the base catalog number: “-L,” hooks for loadbreak tool; “-R,” REA applications; “-S,” 90° blade stop; and “-C,” threaded holes in terminal pads.

⑥ If the “L” is changed to an “N” on Type PBL disconnects, or if the “J” is omitted on Type PDJ disconnects, then loadbreak hooks are omitted.

⑦ Equipped with loadbreak hooks.

⑧ Loadbreak hooks omitted.

⑨ If the “S” is dropped from the catalog number, the disconnect switch will be supplied with 3-inch bolt-circle post-type insulators in place of 2¾-inch bolt-circle post-type insulators.

⑩ A suffix “-U” indicates an inverted mounting.

⑪ Furnished with 2¼-inch bolt-circle insulators.

⑫ Furnished with 3-inch bolt-circle insulators.

✦ 130 kV BIL.

▲ Disconnect switch is furnished with 3-inch bolt-circle post-type insulators on a substation base.

● Type DIL, in-line model.

▼ 8.25 kV Max.

◄ 7.2 kV Nom.

● 15 kV Nom.

◆ 23 kV Nom., 25.8 kV Max.

■ 8-inch disconnect gap.

★ 10⅞-inch disconnect gap.

□ Insulator height is 9¾ inches. Add 2 inches for Cypoxy Insulators.

▲ Insulator height is 10½ inches. Add 2 inches for Cypoxy Insulators.

TABLE 2—CROSSARM AND STATION STYLES

Style	Rating					Catalog Number①								
						Competitive Disconnect Switches							S&C Loadbuster Disconnect Switches	
	A.B. Chance Type M3③			Cooper Type SD2		Kearney		Royal Type BLT and Type BLT-3		Southern States				
						Type M-72 and Type H-72④	Type MT⑤	Vertical Mounting	Inverted Mounting					
	Nom.	Max	BIL	Cont.	Peak. Withstand②	Vertical Mounting	Inverted Mounting							
Crossarm	7.5	8.25	95	600 1200	65 000 99 125	— —	— —	— —	— —	19823 19827	19806 19810	PBO-V75600 PBO-V1751200	— —	— —
	14.4	15.5	110	600 1200	65 000 99 125	— —	— —	— —	— —	19824 19828	19807 19811	PBO-V15600 PBO-V1151200	— —	— —
	25	27	150	600 1200	65 000 99 125	— —	— —	— —	— —	19825 19829	19808 19812	PBO-V23600 PBO-V1231200	— —	— —
	34.5	38	150 200 200	600 900 1200	65 000 65 000 99 125	— — —	— — —	— — —	— — —	— 19826 19830	— 19809 19813	— PBO-V34600 PBO-V1341200	4873R2 — —	4893R2 — —
Station	7.5	8.25	95	400 600 900 1200	32 500 65 000 65 000 99 125	— — — —	— FW3F61 — —	— 126634 — —	12252-10 12253-10 — —	— 13001 19966 13002	— 13021 19966 13022	— PBO-75600 — PBO-1751200	— — — —	— — — —
	14.4	15.5	110	400 600 900 1200	32 500 65 000 65 000 99 125	— M3S-62 — —	— FW3F71 — —	— 126636 — 125931	12255-10 12256-10 — —	— 13004 19968 13005	— 13024 19968 13025	— PBO-15600 — PBO-1151200	— 14722R1 14822R1 —	— 4632R1 4782R4 —
	25/34.5	38	150	400 600 900 1200	32 500 65 000 65 000 99 125	— M3S-64 — —	— FW3F81 — —	— 126638 — 125932	12258-10 12259-10 — —	— 13007 19970 13008	— 13027 19970 13028	— PBO-23600 — PBO-1231200	— 14723R1 14823R1 —	— 4903R1 4783R1 —
	34.5	38	200	400 600 900 1200	32 500 65 000 65 000 99 125	— — — —	— — — —	— 126640 — 125933	12264-10 12265-10 — —	— 13010 — 13011	— 13030 — 13031	— PBO-34600 — PBO-1341200	— — 14824R1 —	— — 4784R1 —
	46	48.3	250	600 1200	65 000 99 125	— —	— —	26641 —	— —	13012 13013	13032 13033	PBO-46600 PBO-461200	— —	— —

① All disconnect switches may be mounted vertical or inverted, except as noted.

② Peak withstand ratings have been calculated based on momentary asymmetrical ratings and assuming a circuit X/R of 15. The values for S&C units listed are from the tests conducted per applicable standards.

③ Options are identified by suffix letters applied to the base catalog number: “-B,” back strap with hardware; “-C,” captive hardware; “-D,” dead-ending brackets with hardware; “-E,” polymer insulators; “-L,” open position latch; “-P,” parallel-groove terminals with hardware; “-R,” bypass studs; and “-X,” extended base (28 inch).

④ If suffix “-L” is applied to the base catalog number, loadbreak hooks will be added.

⑤ Tandem transfer switch.