

AIS SWITCH

CATALOG ORDERING SYSTEM

BASIC FORMAT = X X X X X X X X X X X
POSITION = 1 2 3 4 5 6 7 8 9 10 11

POSITION 8-11
OPTIONS
C1 = Removable stud 600A bushings
D1 = Automatic door latch (standard with stainless steel, option F)
E = 6" base adapter to allow mounting AIS switch on the pad of a different manufacturer's switch of the same configuration (contact factory for specific details and availability)
F = Stainless steel enclosure
G = Kirk Key Interlocks to prevent paralleling source side switches
H = Kirk Key interlocks to prevent entry to fuse doors without all feed switches locked open.
I = 200A bushing well inserts
L = Kirk Key Interlocks combining options G and H
Q = 6" base spacer
U = 12" base spacer
V = 18" base spacer
W = 24" base spacer

POSITION 1	POSITION 2-4	POSITION 5	POSITION 6-7
kV RATING	SWITCH CONFIGURATION	SOURCE CONNECTOR PROVISIONS	00 = No fusing (i.e. AIS3, AIS-10, AIS-13A)
A = 15kV	010 = AIS-1	A = 600A deadbreak bushings	
B = 25kV	01A = AIS-1A	B = 200A universal bushing wells	
	030 = AIS-3	NOTE: All fuse connector provisions are supplied with 200A universal bushing wells. 200A universal bushing well inserts are not provided.	
	050 = AIS-5		
	060 = AIS-6		
	090 = AIS-9		
	100 = AIS-10		
	110 = AIS-11		
	120 = AIS-12		
	13A = AIS-13A		

ORDERING INFORMATION								
15 and 25 kV AIS Padmounted Sectionalizing Equipment								
Switch Config.	One Line Diagram	Voltage kV		Termination & Bus Rating - Amps				Phases
		Nom.	BIL	Line 1	Line 2	Line 3	Line 4	
AIS-1		15/25	95/125	200	200	-	-	1
AIS-1A		15/25	95/125	200	200	-	-	1
AIS-3		15/25	95/125	600*	600*	-	-	3
AIS-5		15/25	95/125	600*	600*	-	-	3
AIS-6		15/25	95/125	600*	600*	-	200	3
AIS-9		15/25	95/125	600*	600*	200	200	3
AIS-10		15/25	95/125	600*	600*	600*	600*	3
AIS-11		15/25	95/125	600*	600*	600*	200	3
AIS-12		15/25	95/125	200	600*	200	200	3
AIS-13A		15/25	95/125	600*	600*	600*	-	3

POSITION 6-7				
For 15 kV AIS : Select the appropriate fuse from table below:				
Fuse Manufacturer	Fuse Mounting	Ratings		Catalog Number Additions
		Maximum Design kV	Maximum Amperes RMS	
S&C*	SM-20	17.0	200	20 ⁽¹⁾
S&C*	SM-4Z	17.0	200	4Z ⁽²⁾
Cooper*	NX	8.3	1.5-40	N1
Cooper*	NX	8.3 15.5	50-100 1.5-40	N2
Cooper*	NX	15.5	50-100	N3

POSITION 6-7				
For 25 kV AIS : Select the appropriate fuse from table below:				
Fuse Manufacturer	Fuse Mounting	Ratings		Catalog Number Additions
		Maximum Design kV	Maximum Amperes RMS	
S&C*	SM-20	27	200	20 ⁽¹⁾
S&C*	SM-4Z	27	200	4Z ⁽²⁾
Cooper*	NX	15.5	1.5-40	N1
Cooper*	NX	15.5 23	50-100 6-40	N2
Cooper*	NX	27	6-50	N3

(1) To include SML20 End Fittings, change "20" to "2H"
(2) To include SM4Z End Fittings, change "4Z" to "4H"

*200A universal bushing wells can be supplied instead of 600A deadbreak bushings

HUBBELL
Power Systems, Inc.

Hubbell Power Systems, Inc. | hubbellpowersystems.com
©Copyright 2018 Hubbell Incorporated. Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.



Printed in the U.S.A. | SF_10_193E