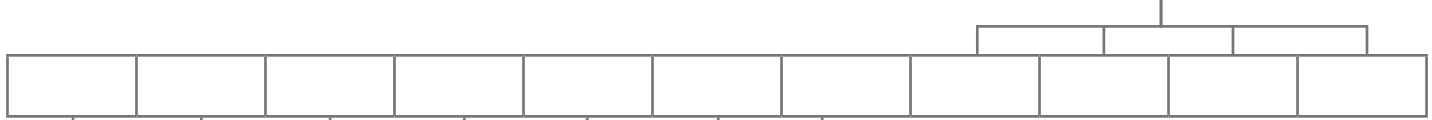


AIS SWITCH

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
KV RATING
A = 15kV
B = 25kV

POSITION 2-4
SWITCH CONFIGURATION
010 = AIS-1
01A = AIS-1A
030 = AIS-3
050 = AIS-5
060 = AIS-6
090 = AIS-9
100 = AIS-10
110 = AIS-11
120 = AIS-12
13A = AIS-13A

POSITION 5
SOURCE CONNECTOR PROVISIONS
A = 600A deadbreak bushings
B = 200A universal bushing wells
NOTE: All fuse connector provisions are supplied with 200A universal bushing wells. 200A universal bushing well inserts are not provided.

00 = No fusing (i.e. AIS3, AIS-10, AIS-13A)
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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"

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

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