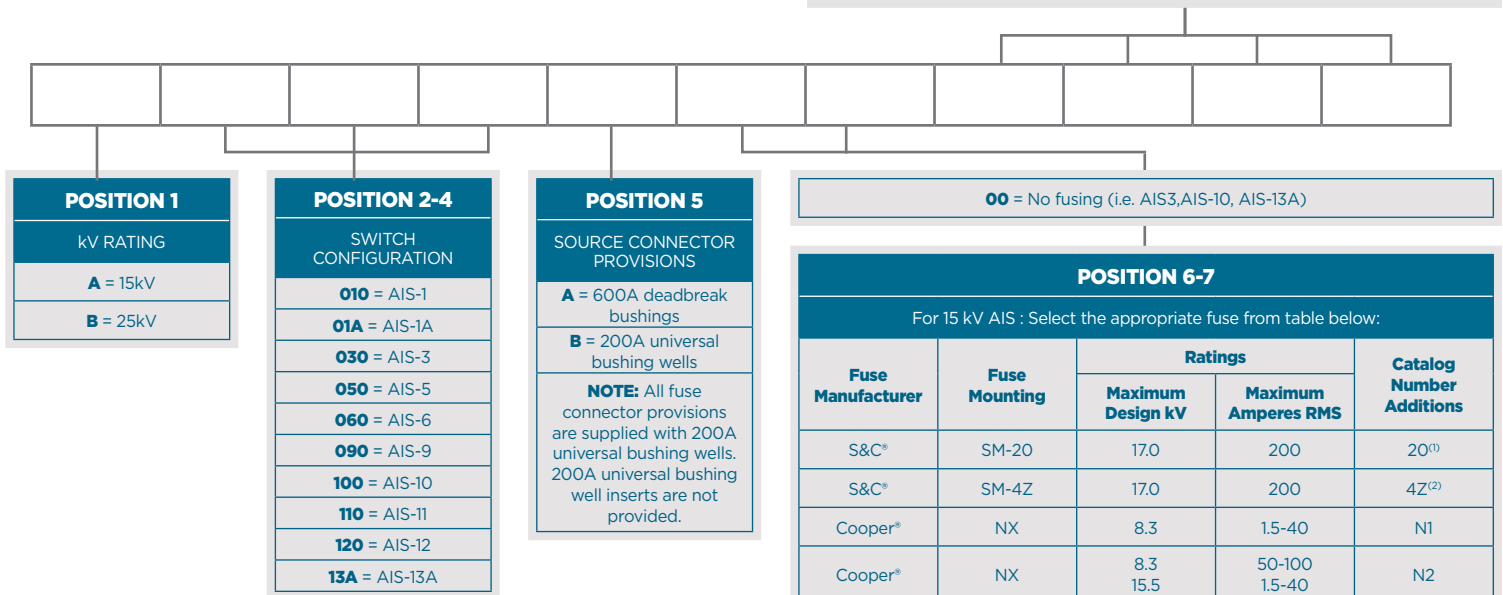


# AIS SWITCH

## 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	
<b>C1</b>	= Removable stud 600A bushings
<b>D1</b>	= Automatic door latch (standard with stainless steel, option F)
<b>E</b>	= 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)
<b>F</b>	= Stainless steel enclosure
<b>G</b>	= Kirk Key Interlocks to prevent paralleling source side switches
<b>H</b>	= Kirk Key interlocks to prevent entry to fuse doors without all feed switches locked open.
<b>I</b>	= 200A bushing well inserts
<b>L</b>	= Kirk Key Interlocks combining options G and H
<b>Q</b>	= 6" base spacer
<b>U</b>	= 12" base spacer
<b>V</b>	= 18" base spacer
<b>W</b>	= 24" base spacer



POSITION 1	
KV RATING	
<b>A</b>	= 15kV
<b>B</b>	= 25kV

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

POSITION 5	
SOURCE CONNECTOR PROVISIONS	
<b>A</b>	= 600A deadbreak bushings
<b>B</b>	= 200A universal bushing wells
<b>NOTE:</b> 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)

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 <sup>®</sup>	SM-20	17.0	200	20 <sup>(1)</sup>
S&C <sup>®</sup>	SM-4Z	17.0	200	4Z <sup>(2)</sup>
Cooper <sup>®</sup>	NX	8.3	1.5-40	N1
Cooper <sup>®</sup>	NX	8.3 15.5	50-100 1.5-40	N2
Cooper <sup>®</sup>	NX	15.5	50-100	N3

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 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 <sup>®</sup>	SM-20	27	200	20 <sup>(1)</sup>
S&C <sup>®</sup>	SM-4Z	27	200	4Z <sup>(2)</sup>
Cooper <sup>®</sup>	NX	15.5	1.5-40	N1
Cooper <sup>®</sup>	NX	15.5 23	50-100 6-40	N2
Cooper <sup>®</sup>	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



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