

NOTE:

- 1. All Dimensions are in INCHES
- 2. MATERIAL : EPOXY RESIN
- 3. ALL INSERTS ARE AISI 12L14 STEEL MATERIAL & ZINC PLATED.
- 4. Uniform strength Switch and Bus insulators are tested in accordance with ANSI C29.1-1988
- 5. The no. of Ribs and profile can change according to the capacity/application of the Insulator.

-FOR "BIL" RATINGS 95kV AND HIGHER, ALL INSERT CONFIGURATIONS WITH 3 OR MORE INSERTS ON EITHER END, WILL BE INTERNALLY CONNECTED (COMMON), ALLOWING FOR SELECTIVE APPLICATIONS. -BREAK ALL SHARPS UNLESS OTHERWISE NOTED

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	THIRD ANGLE	THIS DRAWING IS PROPERTY OF ACCRETION POWER, LLC UNAUTHORISED USE BY COPYING ANY PARTY WHATSOVER IS STRICTLY PROHIBITED						
	0.5 UP TO 3 OVER 3 UP TO 6	±0.1 ±0.1	DRN BY	CHD BY	DA	TE		
DIMENSION	0.2	-		C.P.P	11/09/2	2023	SCAL	.E
					14/03/2		N.T.S	
HOLE 1 UP TO 6 ±0.1 0//ER 6 UP TO 12 ±0.1		1000	TITLE.	TITLE.		DR	G NO.	
		-	A20 Insulator Set			Т	BD	
ANGLES						REV	A	١
	HOLE DIAMETER	ANGLE 0.5 UP TO 3 OVER 3 UP TO 6 OVER 3 UP TO 6 OVER 6 UP TO 3 OVER 30 UP TO OVER 400 UP TO OVER 400 UP TO OVER 400 UP TO OVER 6 UP TO 1 OVER 6 UP TO 1 OVER 12 ANGLES DIMENSIONED =	THIRD ANGLE ACCRETION POWER, LLC UNAUTHORISED USE BY COPYING ANY PARTY WHATSOVER IS STRICTLY PROHIBITED LINEAR DIMENSION 0.5 UP TO 3 ±0.1 OVER 3 UP TO 6 ±0.1 OVER 6 UP TO 30 ±0.2 OVER 30 UP TO 120 ±0.3 OVER 400 UP TO 1000 ±0.8 HOLE DIAMETER 1 UP TO 6 ±0.1 OVER 6 UP TO 12 ±0.1 OVER 120 UP TO 400 ±0.5 OVER 400 UP TO 1000 ±0.8 HOLE OVER 6 UP TO 12 ±0.1 OVER 12 ±0.2	THIRD ANGLE ACCRETION POWER, LLC UNAUTHORISED USE BY COPYING ANY PARTY WHATSOVER IS STRICTLY PROHIBITED LINEAR DIMENSION 0.5 UP TO 3 ±0.1 OVER 3 UP TO 6 ±0.1 OVER 6 UP TO 30 ±0.2 OVER 30 UP TO 120 ±0.3 OVER 120 UP TO 1000 ±0.8 HOLE DIAMETER 1 UP TO 6 ±0.1 OVER 6 UP TO 12 ±0.1 OVER 400 UP TO 1000 ±0.8 HOLE DIAMETER 1 UP TO 6 ±0.1 OVER 12 ±0.2 ANGLES DIMENSIONED ± 1°	THIRD ANGLE ACCRETION POWER, LLC CUNAUTHORISED USE BY COPYING ANY PARTY WHATSOVER IS STRICTLY PROHIBITED 0.5 UP TO 3 ±0.1 OVER 3 UP TO 6 ±0.1 OVER 6 UP TO 30 ±0.2 OVER 30 UP TO 120 ±0.3 OVER 120 UP TO 4000 ±0.5 OVER 400 UP TO 1000 ±0.8 HOLE DIAMETER 1 UP TO 6 ±0.1 OVER 12 ±0.1 OVER 12 ±0.1 OVER 6 UP TO 12 ±0.1 OVER 400 UP TO 1000 ±0.8 HOLE DIAMETER 1 UP TO 6 ±0.1 OVER 12 ±0.2 A20 Insulator Set	THIRD ANGLE THIS DRAWING IS PROPERTY OF ACCRETION POWER, LLC UNAUTHORISED USE BY COPYING ANY PARTY WHATSOVER IS STRICTLY PROHIBITED 0.5 UP TO 3 ±0.1 OVER 3 UP TO 6 ±0.1 OVER 6 UP TO 30 ±0.2 OVER 30 UP TO 120 ±0.3 OVER 120 UP TO 400 ±0.5 OVER 400 UP TO 1000 ±0.8 HOLE DIAMETER 1 UP TO 6 OVER 12 ±0.1 OVER 12 ±0.2	THIRD ANGLE THIS DRAWING IS PROPERTY OF ACCRETION POWER, LLC UNAUTHORISED USE BY COPYING ANY PARTY WHATSOVER IS STRICTLY PROHIBITED 0.5 UP TO 3 ±0.1 0VER 3 UP TO 6 ±0.1 OVER 6 UP TO 30 ±0.2 OVER 30 UP TO 120 ±0.3 OVER 120 UP TO 1000 ±0.8 HOLE DIAMETER 1 UP TO 6 HOLE DIAMETER ±0.1 OVER 6 UP TO 12 ±0.1 OVER 400 UP TO 1000 ±0.8 HOLE DIAMETER ±0.1 OVER 12 ±0.1 OVER 12 ±0.2 ANGLES DIMENSIONED ± 1°	Image: Construct of the second sec

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	CONFIGURATION " 0 " - FOR NO INSERT									
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		\bigcirc	\bigcirc	\bigcirc	()	$(\circ \circ \circ)$	\bigcirc	()		
	Bottom	1	2	2A	3	3A	4	5		
\odot	1									
00	2		02	11			14			
0 0 0	3									
	4		23	23			04			
	5									

	CONFIGURATION "1" - FOR 1/2" CENTER										
	CONFIGURATION "2" - FOR 5/8" CENTER										
	CONFIGURATION "3" - FOR 3/8" CENTER										
	CONFIGURATION "4" - FOR 3/4" CENTER										
	Bottom	1	2	2A	3	3A	4	5			
\odot	1	01	06	06	07	07	08	09			
00	2	10			12	13		15			
0 0 0	3	16	17	18	03	19	20	21			
000	4	22			24	24		25			
	5	26	27	27	28	28	29	05			

			Highest	Impulse	60 Hz	
Identification		Creep	System	Voltage	withstand 1	Cantilever
no.	Height A (in)	distance(in)	Voltage(kV)	(kV)	min (kV)	(lbs)
N-005-0115	3.5	4.53	4.8	60	19	3000
N-008-0162	4.5	6.41	8.3	75	26	2250
N-015-0230	6	9.06	15	95	36	1750
N-020-0311	7.5	12.26	20	110	50	1400
N-025-0394	8.75	15.51	25	125	60	1200
N-035-0485	10.5	19.10	38	150	80	1000
N-035-0496	11	19.55	38	150	80	950
N-035-0562	12.75	22.13	38	170	80	850
N-045-0639	14	25.17	48.3	200	100	750

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		0.5 UP TO 3 OVER 3 UP TO 6	±0.1 ±0.1	DRN BY	CHD BY	DA	TE	
STANDARD	LINEAR DIMENSION	OVER 6 UP TO 3 OVER 30 UP TO OVER 120 UP TO	120 ±0.3		C.P.P		-	SCALE
TOLERANCES		OVER 400 UP TO						G NO.
OTHERWISE SPECIFIED	HOLE DIAMETER	1 UP TO 6 OVER 6 UP TO 1 OVER 12	±0.1 2 ±0.1 ±0.2					
	ANGLES	DIMENSIONED ± 1° UNDIMENSIONED 90° ± 2°					REV	,

SHEET 2 OF 2