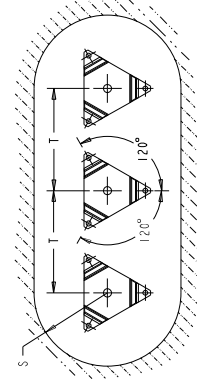


HORIZONTAL LIMIT FOR GROUNDED OBJECTS



**HORIZONTAL 3Ø INSTALLATION LAYOUT**

- NOTES:
1. INCREASE CLEARANCES "S" & "T" 3" PER 1,000 FT. (304.8 m) OVER 6,000 FT. (1828.8 m)
  2. ARRESTER ASSEMBLY CONSISTS OF ARRESTER UNIT, LINE & GROUND TERMINALS WITH CLAMPS, AND 0.312 INCH HARDWARE.
  3. MINIMUM DIMENSIONS FOR ARRESTERS, OTHER APPARATUS STANDARDS, OTHER SPECIFICATIONS OR LOCAL CODES MAY REQUIRE GREATER SPACING.
  4. PRESSURE RELIEF CLASS IS 20 KA RMS SYMMETRICAL.
  5. LINE & GROUND TERMINALS CAN ACCOMMODATE CU OR AL CABLE SIZE NO. 2 TO 600 MCM (0.250" TO 0.937" DIA.)
  6. MTG. SLOTS FOR 0.312 DIA. HARDWARE (3) EQUALLY SPACED ON 75 (2227) B.C. THICKNESS OF LOG = 0.149 (3.68)

STYLE NO.	DUTY CYCLE kV	MCOV kVrms	HEIGHT H		CREEPAGE		LBS	kg	MINIMUM CLEARANCE FROM CENTERLINE		FIGURE	
			IN	MM	IN	MM			PHASE TO GROUND	PHASE TO PHASE		
UD03SA002BUH	3	2.55	9.89	251.3	6.02	153	5.0	2.3	6.5	165	10.5	266
UD04SA003BUH	4	3.40	9.89	251.3	6.02	153	5.0	2.3	6.5	165	10.5	266
UD05SA004BUH	5	4.25	9.89	251.3	6.02	153	5.0	2.3	6.5	165	10.5	266
UD06SA005BUH	6	5.10	9.89	251.3	6.02	153	5.0	2.3	6.5	165	10.5	266
UD07SA006BUH	7	5.95	9.89	251.3	6.02	153	5.0	2.3	6.5	165	10.5	266
UD09SA007BUH	9	7.65	11.74	298.3	12.04	306	6.0	2.7	6.5	165	10.5	266
UD10SA008BUH	10	8.40	11.74	298.3	12.04	306	6.0	2.7	6.5	165	10.5	266
UD12SA010BUH	12	10.20	13.63	346.3	18.11	460	7.0	3.2	7.0	177	10.5	266
UD15SA012BUH	15	12.70	13.63	346.3	18.11	460	7.0	3.2	7.0	177	10.5	266
UD18SA015BUH	18	15.30	13.63	346.3	18.11	460	7.0	3.2	8.0	203	11.0	279
UD21SA017BUH	21	17.00	13.63	346.3	18.11	460	7.0	3.2	9.0	228	12.0	304
UD24SA019BUH	24	19.50	15.48	393.3	24.00	610	8.0	3.6	10.0	254	13.0	330
UD27SA022BUH	27	22.00	15.48	393.3	24.00	610	8.0	3.6	11.0	279	14.0	355
UD30SA024BUH	30	24.40	15.48	393.3	24.00	610	8.0	3.6	12.0	304	15.0	381
UD36SA029BUH	36	29.00	24.62	625.3	51.6	1311	14	6.4	16.9	429	17.2	437

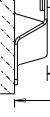
**DETAIL A (ENLARGED) LINE TERMINAL**

SCALE 0.375  
CAN BE MOUNTED AT ANY ANGLE



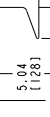
**DETAIL B (ENLARGED) GROUND TERMINAL**

SCALE 0.375  
CAN BE MOUNTED AT ANY ANGLE



**DRILLING PLAN (ENLARGED) OUTLINE**

SCALE 0.250



FOR TENDER PURPOSES ONLY

**FIGURE 1**

**FIGURE 2**

**FIGURE 3**

**FIGURE 4**

**FIGURE 5**

ALL DIMENSIONS IN INCH (MM) UNLESS NOTED

UNDERHUNG YPH-L11 ARRESTER  
3-36kV  
OUTLINE

ABB  
ABB INC. 100 BROADVIEW CENTER, NORTH PHOENIX, PA 15066

REV. DESCRIPTION & DATE

1 MAY 08, 2007

SHEET 1 OF 1

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