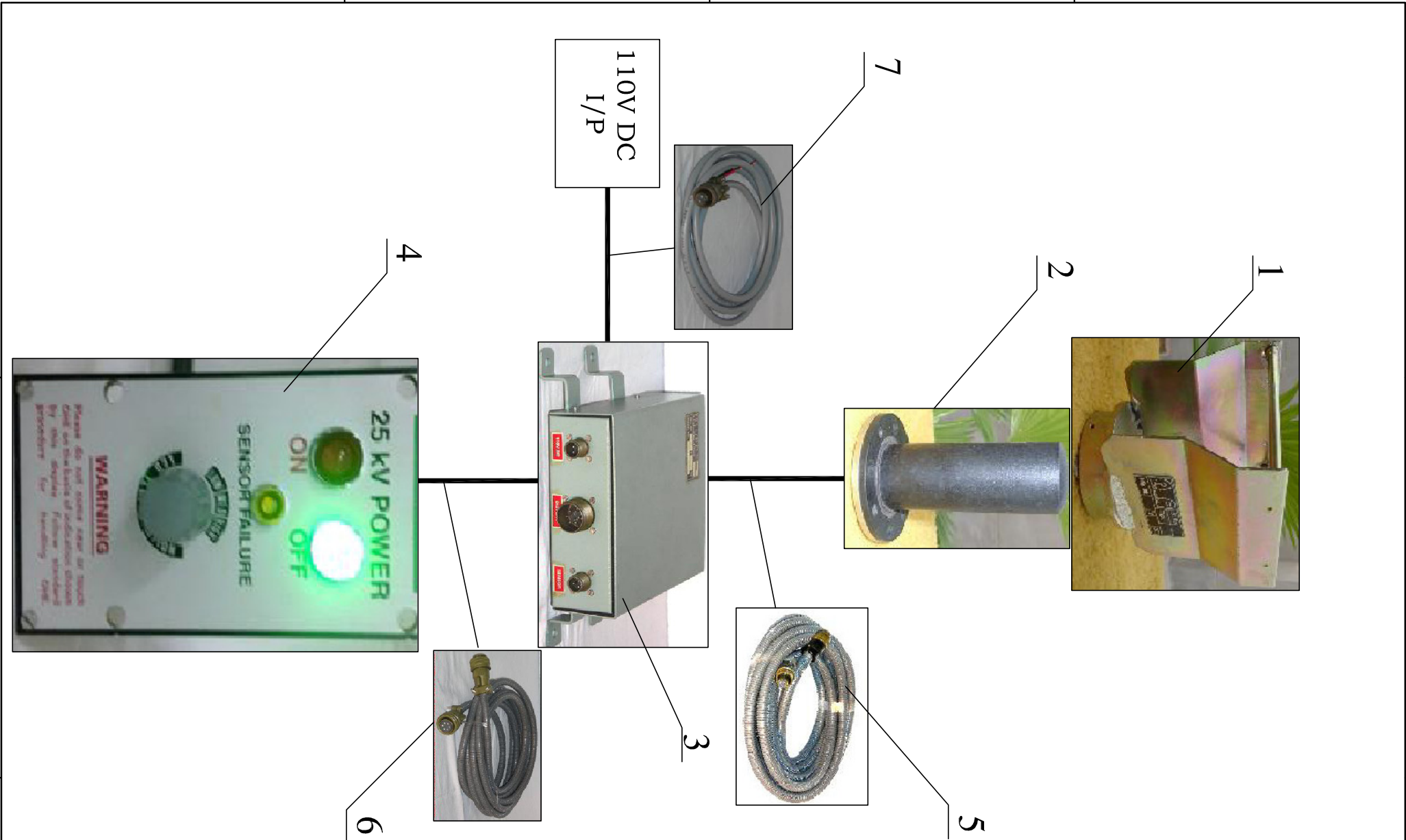


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DRAWING RELEASED FROM PLM, PHYSICAL SIGNATURE NOT REQUIRED

GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025
SYMBOL												



MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
		TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227											
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 202 (PT-1) (MEDIUM)								QUALITY OF WELD JOINTS REF. RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.											
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96								STATUS:			

TECHNICAL REQUIREMENTS :

- 1.DESCRPTION:
INDICATION OF PRESENCE / ABSENCE OF 25KV, 50 HZ AC POWER IN OVERHEAD TRACTION LINE WITHOUT RAISING PANTOGRAPH
2. APPLICATION:
FOR INSTALLATION ON DIESEL ELCTRIC TOWER CAR (DETC) OF INDIAN RAILWAYS
3. SCOPE OF SUPPLY:

SL. No.	DESCRIPTION	QTY/SET
1	SENSOR MOUNT WITH GUARD	1 No.
2	SEALED SENSOR	1 No.
3	CONTROL CUM POWER SUPPLY UNIT	1 No.
4	DISPLAY UNIT (OHE ON/OFF, SENSOR FAILURE) WITH ADJUSTMENT FOR LED ILLUMINATION LEVEL	1 No.
5	INTER CONNECTING CABLE (FROM SENSOR TO POWER SUPPLY UNIT) OF LENGTH 5MTRS. ASSEMBLED WITH SUITABLE END CONNECTORS.	1 SET
6	INTER CONNECTING CABLE (FROM POWER SUPPLY UNIT TO DISPLAY UNIT) OF LENGTH 5MTRS. ASSEMBLED WITH SUITABLE END CONNECTORS	1 SET
7	POWER SUPPLY CABLE (110V DC I/P AVAILABLE IN DETC TO CONTROL CUM POWER SUPPLY UNIT) OF LENGTH 5MTRS. ASSEMBLED WITH SUITABLE END CONNECTORS.	1 SET
8	OPERATION & MAINTENANCE MANUAL	1 SET

4. SPECIFICATION :
COMPLETE EQUIPMENT SHALL CONFORM TO CLW SPEC. CLW/ES/1-25 FOR 25KV AC OHE POWER PRESENCE/ABSENCE INDICATOR.

5. NOTE :
ITEM SHALL BE PROCURED FROM CLW APPROVED SOURCES ONLY.

SL.No.		QTY		PART / STOCK No.		DESCRIPTION		SIZE		COMPANY STD./I/S		Wt. (kg)	
△						8W DETC							
						PRODUCT							
						REF DRG							
						MATERIAL							
						HEAT TREAT.		APPD		SHASHIKANTH		14.09.16	
						SURFACE TREAT.		REVD		LAKSHMI V.S		14.09.16	
						TITLE		CHKD		JAYARAM.S		13.09.16	
								DRWN		RESHMA		12.09.16	
								SCALE				SHEET	
												OF	
												0	
												ALT	

OHE SENSING DEVICE

**BEML LIMITED**

DRG No. **943-21105**