

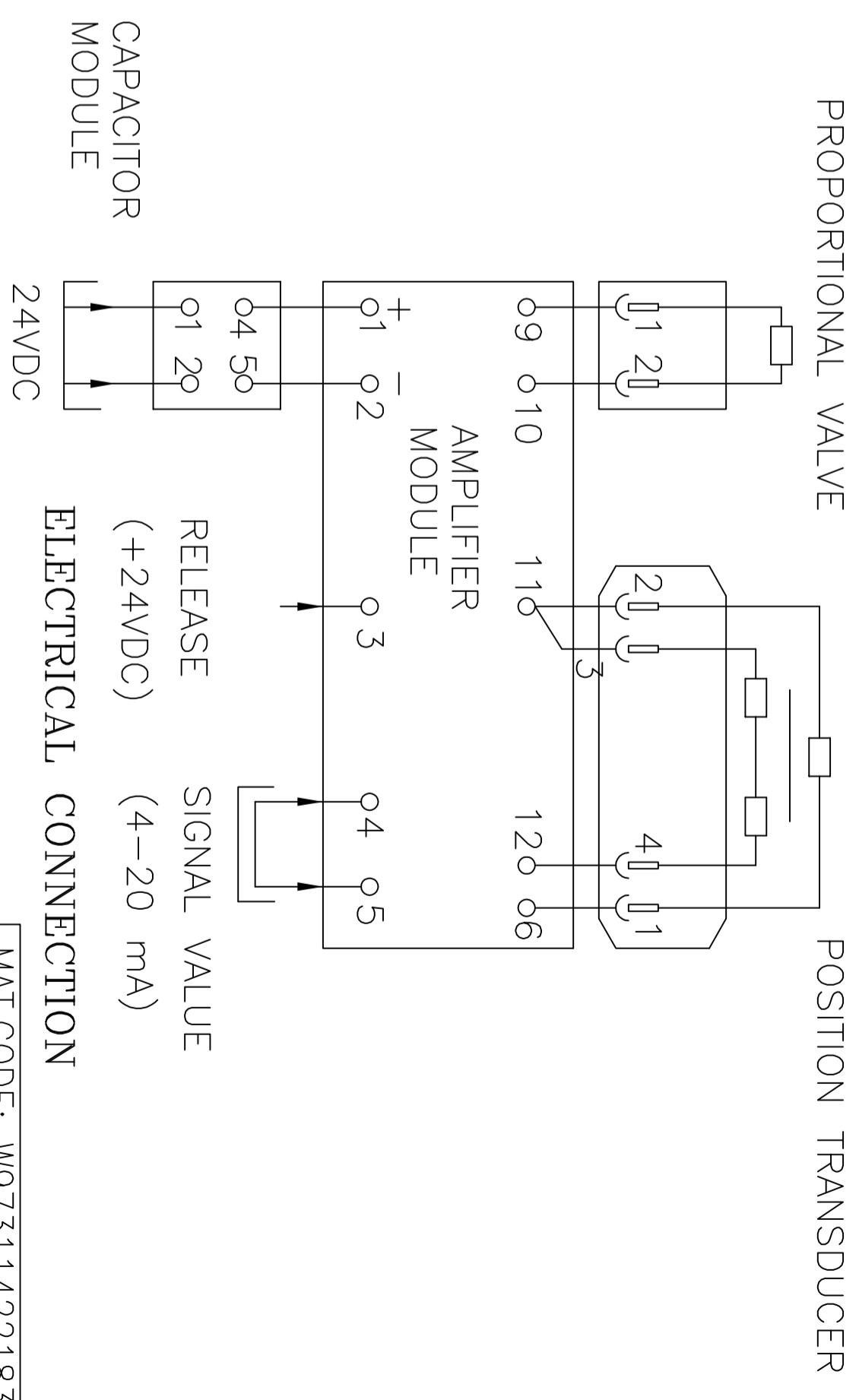
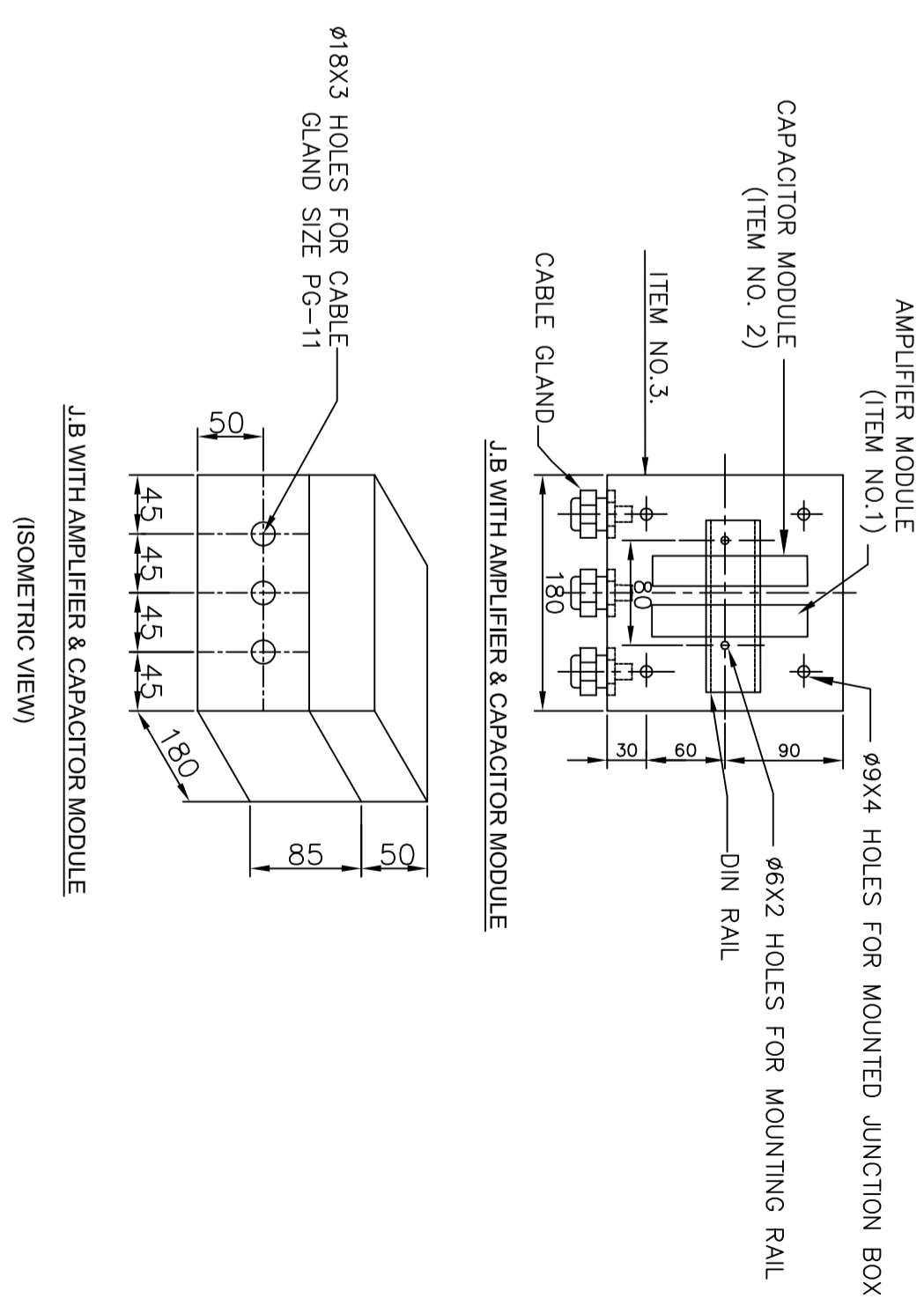
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ON SHIPWARD

THE JUNCTION BOX (J.B.) WITH AMPLIFIER AND CAPACITOR MODULE SHALL COMPRISE OF FOLLOWING ITEMS:-

- ITEM NO. 1- AMPLIFIER MODULE: (MATCHED TO PROPORTIONAL VALVE STW 0115 (ZERO POINT TRIMMING))
- 1.1 TYPE : VT 17399-1X
 - 1.2 POWER SUPPLY : 24V DC
 - 1.3 ALLOWED TOLERANCE : + 15%, -20%
 - 1.4 AMBIENT TEMP : 0 TO 60° C.
 - 1.5 INPUT COMMAND : 4-20mA
 - 1.6 OUTPUT : SUITABLE TO DRIVE PROPORTIONAL VALVE COILS.
 - 1.7 MODULE SHALL HAVE INBUILT POSITION CONTROLLER.
 - 1.8 POSITION FEEDBACK MEASUREMENT TO BE PROVIDED ON THE PROPORTIONAL VALVE AND FED BACK TO THE POSITION CONTROLLER OF AMPLIFIER MODULE.
- ITEM NO. 2- CAPACITOR MODULE (MODEL NO. VT 11073) :
- 2.1 MATCHING CAPACITOR MODULE VT 11073 WITH POLARITY REVERSAL PROTECTION, OVER VOLTAGE PROTECTION & FUSE TO BE PROVIDED.
- ITEM NO. 3- JUNCTION BOX (PG65) WITH SUITABLE CABLE GLANDS (PG-11) :
- 3.1 AMPLIFIER MODULE & CAPACITOR MODULE SHALL BE MOUNTED ON DIN RAIL IN A SUITABLE LOCAL JUNCTION BOX JB(PG65) TO BE SUPPLIED BY THE VENDOR.
 - 3.2 DIMENSIONS OF JUNCTION BOX ARE APPROXIMATE.
 - 4.0 OTHERS REQUIREMENTS:
 - 4.1 ITEM NO. 1 & 2 SHALL BE SUITABLE TO PROPORTIONAL VALVE TYPE- STW 0115-1X/X2-40/V.
 - 4.2 FUNCTIONAL TEST TO BE CARRIED OUT AT PURCHASER'S WORKS.
 - 4.3 CONFIRMATION OF OPERATING TIME WITHOUT OVERHAUL OF MIN. 24000hr.
 - 4.4 ASSEMBLY POSITION ARBITRARY.
 - 4.5 PAINT : RESISTANCE TO PHOSPHATE ESTER (ON EPOXY RESIN BASE OR D/D VARNISH)
 - 4.6 PACKING: ITEM NO.1, 2 & 3 SHALL BE SUPPLIED IN ASSEMBLED AND PACKED CONDITION. TRANSPORT WITHOUT DAMAGE SHALL BE ENSURED BY THE SUPPLIER. SPECIAL STORAGE INSTRUCTIONS FOR ELECTRONIC MODULES TO BE FURNISHED BY THE VENDOR.
 - 4.7 ALL OTHER DATA AS PER BROCHURE.
 - 4.8 MAKE : M/S BOSCH REXROTH OR EQUIVALENT.

TABLE-1 :-

AMPLIFIER MODULE	PROPORTIONAL VALVE STW0115
VT 17399 COMMAND SIGNAL	
4mA	100% P-B
12mA	BALANCE POSITION
20mA	100% P-A



MAT.CODE: W97311422183

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INVENTORY NO.	SIGN & DATE	REF. DRG NO.
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8	7	6	5	4	3
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GRADE OF UNTOL. DIM:-	
M/CG - V/C/M/F AA 0230208	
WELDING-A/B/C/D-AA621104	
GAS CUTTING-T3AA0621101	
REV. DATE	ALTERED CHECKED

OBOM NO.	31142211050	STATUS OF DRG.	
AGREED DEPT.	AMINDIO	NAME	ASB/DK
TDR	11/11/2010	SIGN	
DATE		DATE	
REV. DATE	ALTERED CHECKED	REV. DATE	ALTERED CHECKED

TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT		STEAM TURBINE	
DEPT. SITE		BHARAT HEAVY ELECTRICALS LTD. HARDWAR	
CODE 4011	SCALE N.T.S.	WEIGHT(Kg.) 1.5	DRAWING NO. 21142211052
			SHEET NO. 1
			NO. OF SHEETS 1
			DATE 22.12.24
			NO. OF SHEETS 1