

Bharat Heavy Electricals Limited

HIGH PRESSURE BOILER PLANT , TIRUCHIRAPPALLI 620 014.

TECHNICAL DELIVERY CONDITIONS

FOR SUB - DELIVERY COMPONENTS OF

CONTROLS AND INSTRUMENTATION

TDC : TCI : 273 / Rev 01

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COAL FEEDER CONTROLS –MICRO SWITCHES

SI. No.	DATE	DESCRIPTION	PREPARED	REVIEWED	APPROVED
00	19.06.04	Initial release	Sd/-	Sd/-	Sd/-
01	27.03.14	General revision			

SL. NO	CHARACTERISTICS	REQUIREMENT	VENDOR COMPLIANCE COLUMN
1.0	SITE CONDITIONS :		
1.1	Ambient temperature	60°C	
1.2	Relative humidity	100%	
1.3	Atmosphere	Salty, dusty, corrosive & heavily polluted.	
1.4	Application	Gravimetric/ Volumetric coal feeder	
2.0	GENERAL TECHNICAL DATA :		
2.1	Reference Standard	IS 12063 for enclosure protection IS 6875 part-II Snap action switch.	
2.2	Switch type	Roller lever actuator having self lubricating roller (preferably stain less steel) to reduce friction during operation.	
2.3	Type of actuator		
2.4	Enclosure protection	Water, oil and dust proof	
2.5	Material of contacts	Silver	
2.6	Contact rating	15 A at 240V A.C, 0.2 A at 220V D.C.	
2.7	Contact configuration	1 NO + 1 NC (changeover)	
2.8	Dimensions of micro switch	As enclosed sketch.	
3.0	INSPECTION & TESTING:	Verification of make, type & model no. at BHEL stores.	
4.0	DOCUMENTS		
4.1	Alongwith offer	- Pointwise compliance to this specn. and furnish the enclosed data sheet with details filled-up. - Catalog (original) and technical details of offered micro switches	
4.2	In the event of PO (within 15 days from PO)	Vendor shall furnish data sheet for the offered micro switches for approval.	
5.0	PACKING	Each micro switch shall be wrapped individually in bubbled polythene sheet, corrugated paper box/ seasoned wood etc, as applicable to withstand transport hazard and for storing.	

2.8 DIMENSIONS OF MICROSWITCH: