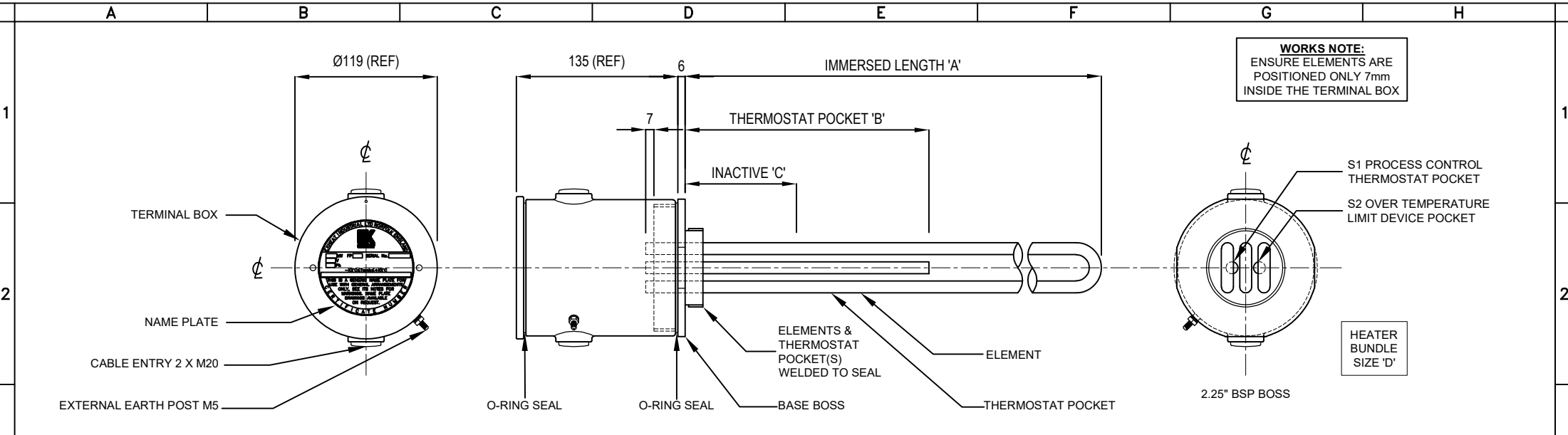




NOTES:

1. RATING:
3KW ON 240V, 1PH, 50HZ

2. MATERIAL:
ROD TYPE ELEMENTS:3 X 8MM INCOLOY 825
THERMOSTAT POCKET(S): 316L STAINLESS STEEL
TERMINAL BOX: MILD STEEL FP4H TERMINAL BOX IP66 RATED
CERTIFIED CABLE ENTRY PLUG: BRASS
PROCESS FIXING: 2.25" BSP 316L STAINLESS STEEL BOSS

3. FINISH:
TERMINAL BOX LID POWDERCOATED RAL 2010 (ORANGE).
TERMINAL BOX BODY POWDERCOATED RAL 9007 (GREY)
REMAINDER NATURAL

4. MAX WORKING PRESSURE 13 BARg

5. INSPECTION AND TESTING:
HYDRO TEST TO W/09/110
TEST METHOD 1. TO 20 BARg FOR 15 MINUTES
TEST METHOD 2.
REFER TO LATEST REVISION OF CERTIFICATE ETL 22 ATEX 0117X
ELECTRICAL TEST TO W/09/114.
100% VISUAL AND DIMENSIONAL CHECK

6. CABLE ENTRIES:
1 x M20 x1.5p (CONTROL), FITTED WITH BRASS CERTIFIED PLUG
1 x M20 x1.5p (CONTROL), FITTED WITH TEMPORARY PLUG
ANY UNUSED ENTRIES MUST BE FITTED WITH SUITABLE CERTIFIED BLANKING PLUGS AT ALL TIMES. UNDER NO CIRCUMSTANCES ARE ANY ENTRIES TO BE LEFT OPEN. DUE TO THE NATURE OF THE SCREW THREADS ON THE TERMINAL BOX, THE CABLE ENTRIES MAY NOT BE IN THE POSITION SHOWN ON THE DRAWING.
7. CONTROLS:
S1: 1 X AUTO RESET CONTROL THERMOSTAT RANGE +7/+100°C SET AT +15°C (DO NOT SEAL, 5-7°C HYSTERESIS)
S2: 1 X MANUAL RESET OVER-TEMPERATURE LIMIT THERMOSTAT SET AT +40°C (DO NOT SEAL)
S3: 1 X MANUAL RESET BOX CUT OUT SET AT +80°C
(LOCATED WITHIN THE TERMINAL BOX TO PREVENT OVERHEATING)

8. HEATER CERTIFICATION:
ATEX, IECEX & UKEX Certified Ex II 2 G D Ex db IIC T4 Gb Ex tb IIIC T135°C Db
Certificate Number ETL 22 ATEX 0117X IECEX ITS 22.0003X ITS 22 UKEX 0507X

9. OVERTEMPERATURE PROTECTION:
EACH HEATER SHALL BE FITTED WITH 1 OFF (MINIMUM) SENSOR FOR THE HEATER MOUNTING FLANGE/PROCESS TEMPERATURE AND 1 OFF TERMINAL BOX CUT-OUT SENSOR. THE SENSORS SHALL BE THERMOSTAT, THERMOCOUPLE OR RTD. THE SENSORS SHALL BE CONNECTED TO A SUITABLE TEMPERATURE CONTROL SYSTEM TO SHUT DOWN THE HEATER IN THE EVENT THE MAXIMUM TEMPERATURE IS EXCEEDED. OVERTEMPERATURE SENSOR & CUT-OUT MUST BE MANUAL RESET EITHER BY:
a.) AUTO-RESET THERMOSTAT & AUTO RESET CUT-OUT BEING, RESET AT CONTROL PANEL BY KEY SWITCH OR SPECIAL TOOL.
b.) SENSOR & CUT-OUT BEING MANUAL RESET UNITS, ie MANUAL RESET INSIDE TERMINAL BOX.

10. AMBIENT TEMPERATURE: -40°C≤Tamb≤+60°C

11. WATTS DENSITY:54.8 W/Inch²

12. APPROX. WEIGHT: 7KG

13. TAG INFORMATION (WHERE APPLICABLE):
REFER TO RELEVANT ITEM ON SALES ORDER

FOR WIRING
INFORMATION
SEE: 3034-01-63

VARIABLE DETAILS

LENGTH 'A'	280mm	SIZE 'D'	Ø50mm
LENGTH 'B'	250mm	LENGTH 'E'	N/A
LENGTH 'C'	50mm	LENGTH 'F'	N/A

6	CERTIFIED PRODUCT		23	10.11.23	AMENDED CERTIFICATION	JP	SP	IK	3rd ANGLE PROJECTION ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED DO NOT SCALE ! IF IN DOUBT, ASK ! WHERE ELECTRONIC DOCUMENTS ARE SUPPLIED, THE END PRODUCT MUST CONFORM TO THE PAPER ORIGINAL FORMAT: AUTOCAD	EXHEAT INDUSTRIAL LTD NORFOLK ENGLAND Certificate No. FM 26078	TITLE		FP4H-3-3-11AS GENERAL ARRANGEMENT DRAWING INDUSTRIAL PRODUCT STOCKCODE - S93000009	
	NO MODIFICATIONS PERMITTED WITHOUT THE APPROVAL OF THE QA MANAGER.		22	30.05.23	TBOX DESCRIPTION FP4H NOTE 2 (P)	VS	SP	IK			EXHEAT DRAWING NUMBER		REV	
	DOES THIS CHANGE AFFECT ANY CERTIFICATION OR CERTIFICATE SCHEDULE DRAWING?		21	06.09.19	AMENDED TO WELDED (P)	JP	SP	IK			3034-01-06		23	
	IF YES, RECORD THE DCN No. IN THE COLUMN TO THE RIGHT.		20	22.05.19	SWITCHED THERMOSTAT POSITIONS (P)	JP	SP	IK						
			19	11.04.19	CABLE ENTRY PLUG AMENDED TO PLASTIC (P)	JP	SP	IK						
			18	30.08.17	NOTE 6 (CABLE ENTRIES) AMENDED BACK TO BRASS PLUGS, & DIAGRAM BSP AMENDED TO 2.25" (P)	TC	SP	IK						
			17	07.08.17	REVISED TO NEW NOTES AND BORDER TEMPLATES, AMEND SIZE D (P)	TC	IK	PB						
			DCN No	Y/N	REV	DATE	COMMENTS	DRWN			CHKD	APPR		