

WIRING INFORMATION ON 006461.01.03

NOTES

- RATING & SUPPLY: 7kW, 415V, 3Ph, 50Hz. (4 WIRE STAR)
- PROCESS FIXING: 8" NB 150lb ANSI RF BLIND 316L STAINLESS STEEL
- ENCLOSURE: MILD STEEL FP8 TERMINAL BOX IP66
- CERTIFICATION: ATEX CERTIFIED Ex II 2 G/D Ex'd' IIC T 4 Gb ZONE 1 & 2 Ex t IIIC T135°C Db ZONE 21 & 22.
- ELEMENTS:
18 x 10mm 316L STAINLESS STEEL ROD TYPE ELEMENTS
- CONTROLS:
S1 1 x AUTO-RESET THERMOSTAT RANGE +7/+100°C
S2 1 x MANUAL-RESET LIMIT THERMOSTAT (SET 80°C)
S3 1 x MANUAL BOX CUT-OUT (SET AT 80°C).
- OVERTEMPERATURE PROTECTION:
EACH HEATER SHALL BE FITTED WITH 1 OFF (MINIMUM) THERMOSTAT SENSING THE HEATER MOUNTING FLANGE/PROCESS TEMPERATURE AND 1 OFF TERMINAL BOX CUT-OUT. 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 THERMOSTAT & 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.) THERMOSTAT & CUT-OUT BEING MANUAL RESET UNITS, ie MANUAL RESET INSIDE TERMINAL BOX.
- INSPECTION & TESTING:
ELECTRICAL: WI/09/114,
HYDROSTATIC: WI/09/110
(METHOD 1 & 2, PRESSURE TESTED 20 BARG, 15 MINS).
- CABLE ENTRIES (SUPPLIED PLUGGED):
1 x M40x1.5p (I.S.O) (POWER) AND 2 x M25x1.5p (I.S.O) (CONTROL).
CABLE ENTRIES FITTED WITH TEMPORARY PLUGS
ANY UNUSED ENTRIES MUST BE FITTED WITH
SUITABLE CERTIFIED BLANKING PLUGS AT ALL TIMES.
UNDER NO CIRCUMSTANCES ARE ANY ENTRIES TO BE LEFT OPEN.
- FINISH:
TERMINAL BOX: EXHEAT SPEC. 3003.01.61 APP. 'A', SYSTEM: 5 (GREY RAL 9007)
TERMINAL LID: EXHEAT SPEC. 3003.01.61 APP. 'A', SYSTEM: 5 (ORANGE RAL2010)
FLANGE: i) STAINLESS - NATURAL
REMAINDER: NATURAL.

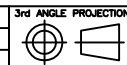
CERTIFIED PRODUCT

NO MODIFICATIONS PERMITTED WITHOUT THE APPROVAL OF THE QA MANAGER.

DOES THIS CHANGE AFFECT ANY CERTIFICATION OR CERTIFICATE SCHEDULE DRAWING?

IF YES, RECORD THE DCN No. IN THE COLUMN TO THE RIGHT.

DCN No	Y/N	REV	DATE	COMMENTS
-	-	1	29.05.13	ATEX CERTIFICATION UPDATED
-	-	0	14.03.12	FIRST ISSUE



TOLERANCES UNLESS OTHERWISE STATED
0.0 ± 1.5mm
0.0 ± 0.5mm
0.00 ± 0.25mm
0.000 ± 0.1mm
ANGULAR ± 2°

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



TITLE

FP8-18-7-20-FS8
GENERAL ARRANGEMENT DRAWING
INDUSTRIAL PRODUCT

EXHEAT DRAWING NUMBER

006461.01.01

REV

01