



GA Diagram



Doc. no
C134-FS-424001-XS-0019-01

Rev.
05

Page:
1 of 4

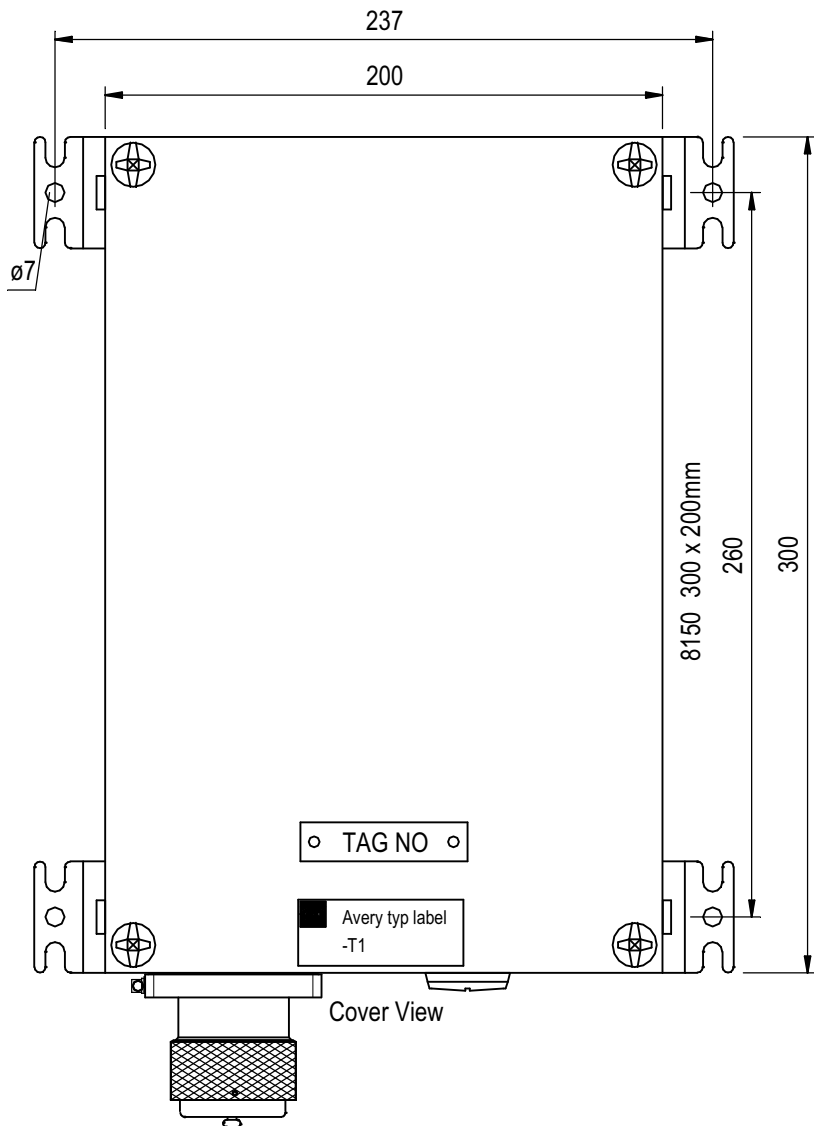
Aasta Hansteen Topside EPC Project


COMPANY RETURN CODE: (To be filled in by CB&I)


Engineering Review Status	By : BGHA
1 Accepted	Date : 20/10/2015

Rev	Date	Description	Prepared	Verified	Approved
05	16.09.2015	Issued for Construction	BF	LEF	TF
04	27.07.2015	Re-Issued for review	BF	LEF	TF
03	04.05.2015	Re-Issued for review	BF	LEF	TF
02	18.03.2015	Re-Issued for review	BF	LEF	TF
01	26.01.2015	Issued for review	BF	LEF	TF

				Document Title					
		Stahl-Syberg AS		GA Diagram - Item 7.4.13 Instr. Junction Box Exe 8150/5-0200-0300-150-3311					
PO No. : QE536R2E06		Tag No. : N/A		Document number C134-FS-424001-XS-0019-01					
Supplier Doc. No	Item 7.4.13	Sup. Rev. 05	Proj. Code	Orig. Code	Req. ref.	Doc. Code	Seq. no.	Rev	Rev

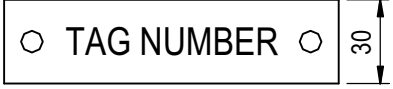



 8150/5-0200-0300-150-3311

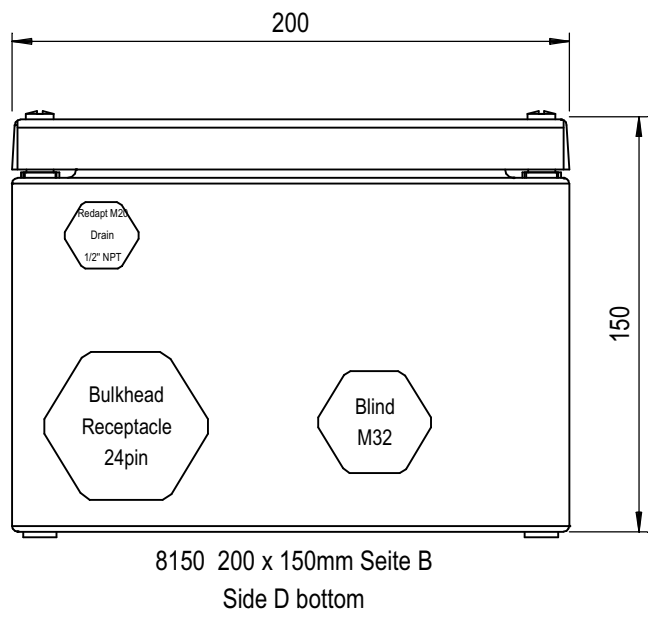

 PTB 09 ATEX 1109

 Serial no.

-T1
Avery typ label, paste

Tag label:
 120

 white plastic,
 screwed text line black
 For tag Numbers, see coversheet

Tag is screwed in a tag bracket made of SS316L



Reference Documentation
Part List: C134-FS-424001-LA-0024

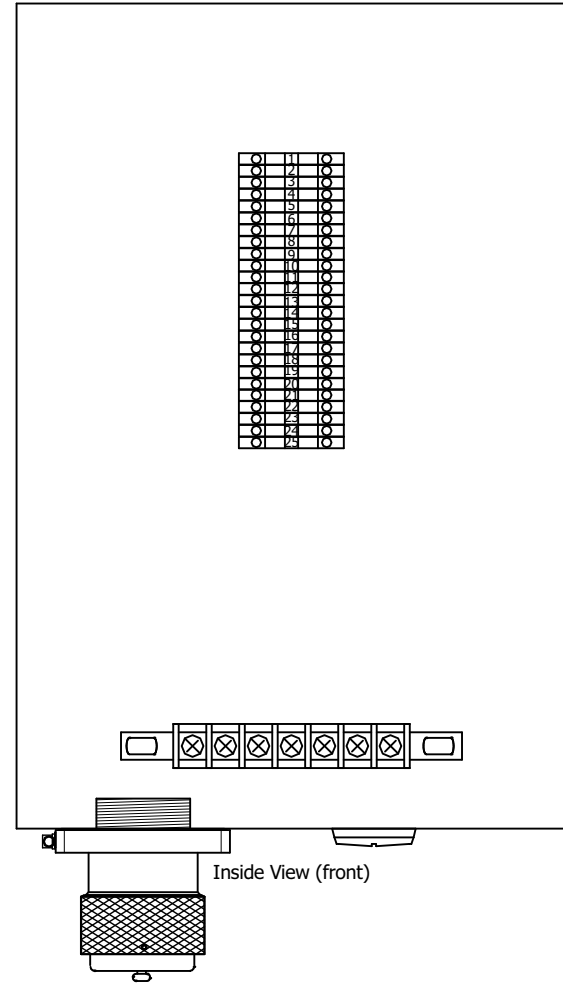
Re-Issued for Review	04.05.15	BF	Datum/Date	14.01.2015	Auftrag Nr./Order No. 424001 QE536R2E06 / 6 Hyundai Heavy Ind. Co. Ltd. 182115 Aasta Hansteen Topside EPC Project	 Arrangement drawing/Aufbauzeichnung GA Diagram - Item 7.4.13 Instrument JB Ex e 8150/5-0200-0300-150-3311	Einbaurot/Gehäuse	Drawing number		
Re-Issued for Review	06.03.15	BF	Erstellt/Drawn	BF			Location/Enclosure	C134-FS-424001-XS-0019-01		
Issue for Review	14.01.15	BF	Bearb./Engineer	TF			Zeichnungs Nr./DRG No.	15-142064-1	Blatt/Sheet	2
Änderung/ REV.	Dat.	Name	Gepr./Checked				Grp.	Project: 15-142064-1	von/of	3

9 pcs

Description	Type	Producer	Qty.
Ex e Junction Box w/hinged cover	8150/0200-0300-150-3311	R.Stahl	1
Terminals	UT 2,5	Phoenix	25
ControlEx Bulkhead Receptacle st.steel c/w: Socket Insert with 24 contacts (crimp) and Exd Cap	Exd-40-S-BR-V-24x1,5-S-C-FRC-A-1-T	Hawke	1
ControlEx Connector Plug st.steel c/w: Pin Insert with 24 contacts (crimp) and Exd Cap	Exd-40-S-CP-V-24x1,5-P-C-FPC-A-1	Hawke	1
Blind Plug M32	PD-U-M32	Redapt	1
Drain Plug	DP-E-M20	Redapt	1
PE Bar	7x4 sqmm	R.Stahl	1

Connection 24 pin and terminals:

Pin No	JB Terminal	Wire color
1	1	BK
2	2	BU
3	3	
4	4	BK
5	5	BU
6	6	
7	7	BK
8	8	BU
9	9	
10	10	BK
11	11	BU
12	12	
13	No connection	
14	No connection	
15	No connection	
16	No connection	
17	No connection	
18	No connection	
19	No connection	
20	No connection	
21	No connection	
22	No connection	
23	No connection	
24	No connection	



8150 300 x 200mm

Connector Plug to be delivered loose

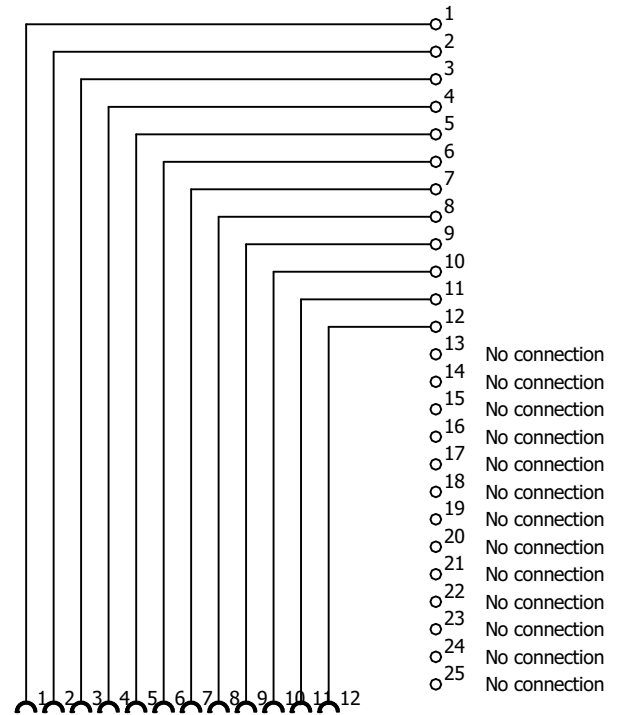


Table 10 – Selection of glands, adapters and blanking elements type of protection according to the enclosure type of protection

Protection technique for the equipment	Glands, adapters and blanking element protection technique			
	Ex "d" see 10.6	Ex "e" see 10.4	Ex "n" see 10.4	Ex "t" see 10.7
Ex "d"	X			
Ex "e"	X	X		
Ex "i" and Ex "nL" – Group II ^a	X	X	X – see 16.5	
Ex "i" – Group III ^a				X – see 16.5
Ex "m"	Ex "m" would not normally be applied to wiring connections. The protection technique for connections shall suit the wiring system used.			
Ex "n" except Ex "nL" For Ex "nR" see also 10.8	X	X	X	
Ex "o"	Ex "o" would not normally be applied to wiring connections. The protection technique for connections shall suit the wiring system used			
Ex "p", all types	X	X	X ^b	
Ex "pD"				X
Ex "q"	Ex "q" would not normally be applied to wiring connections. The protection technique for connections shall suit the wiring system used.			
Ex "s"	Only as allowed by the conditions of the certificate.			
Ex "t"				X
X denotes permitted use. ^a If only one intrinsically safe circuit is applied then there are no specified requirements for cable glands. ^b Only permitted for Gc installations				

To meet the ingress protection requirement it may also be necessary to seal between cable glands, adapters and blanking elements and the enclosure (for example by means of a sealing washer or thread sealant).

NOTE 2 In order to meet the minimum requirement of IP54, threaded cable entry devices into threaded cable entry plates or enclosures of 6 mm or greater thickness need no additional sealing between the cable entry device and the entry plate or enclosure provided the axis of the cable entry device is perpendicular to the external surface of the cable entry plate or enclosure.