







OWNER:  شرکت مست و سوبی آوس ایرانیاان (سماای ناس)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	UCP/LCP/JB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCL. BOM						 Netherlands		
MC :  شرکت مست و سوبی آوس ایرانیاان (سماای ناس)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-07A	BU	20	VD	303	IN	DWG	0039	Rev.:	Page
								08	1 of 8

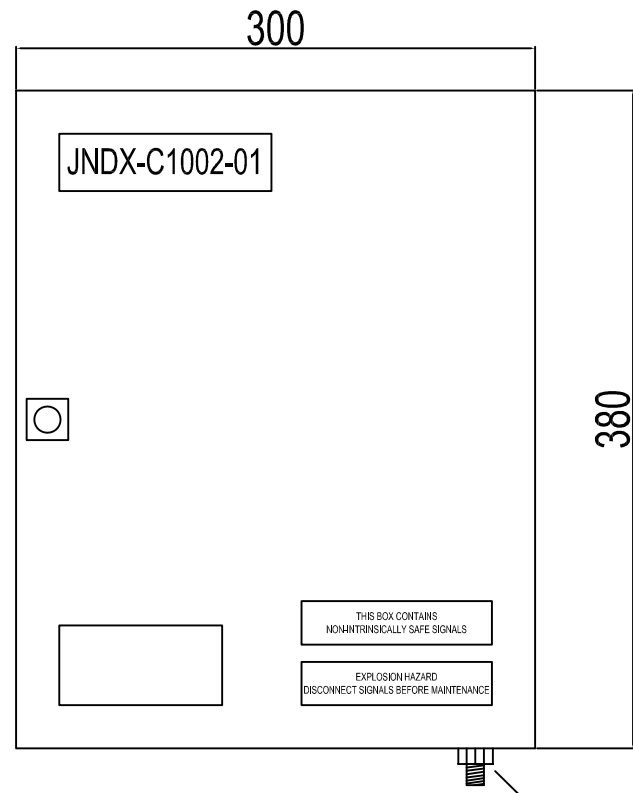
UCP/LCP/JB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCL. BOM

 شرکت مست و سوبی آوس ایرانیاان (سماای ناس)	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review		
Issue Purpose:	AB	
Result Code: AP,AN,CM,RE,NC	AP	
Next Status : IFC,IFA,IFI,AFC,AB	-	
Responsible Department	MECHANIC	
Commented Date	Jan.14.2023	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

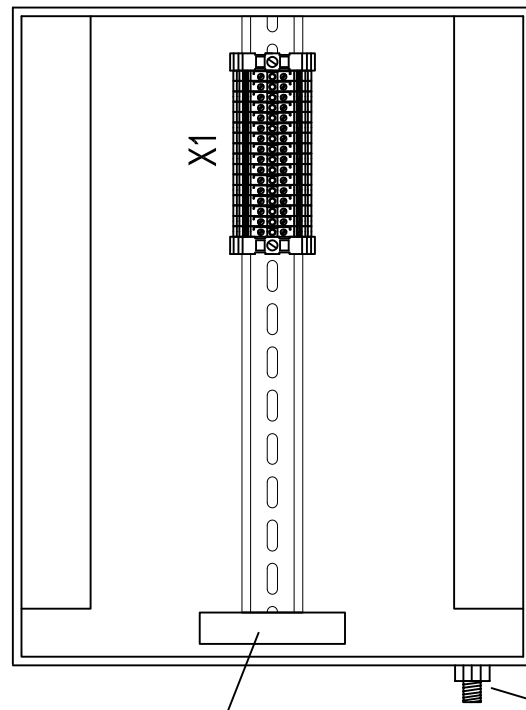
08	20/12/2022	As Built	SK	RB	KP	
07	28/11/2022	Approved for construction	RT	RB	KP	
06	11/11/2022	Approved for construction	RT	RB	KP	
05	30/09/2022	For approval	BK	RB	KP	
04	08/08/2022	For approval	BK	RB	KP	
03	16/06/2022	For approval	BK	RB	KP	
02	14/12/2021	For approval	HT	RB	KP	
01	19/10/2021	For approval	HT	RB	KP	
00	24/11/2020	For approval	HT	RB	KP	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P

JNDX-C1002-01

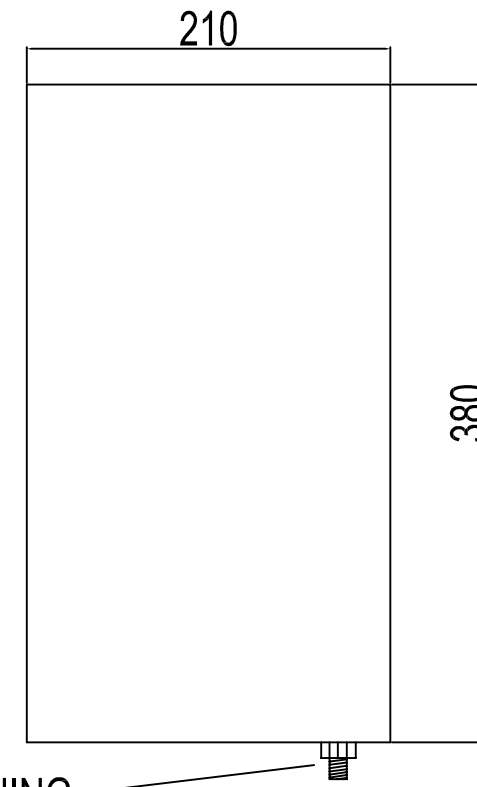
FRONT SIDE (OUTSIDE) VIEW



FRONT SIDE (INSIDE) VIEW



SIDE (OUTSIDE) VIEW

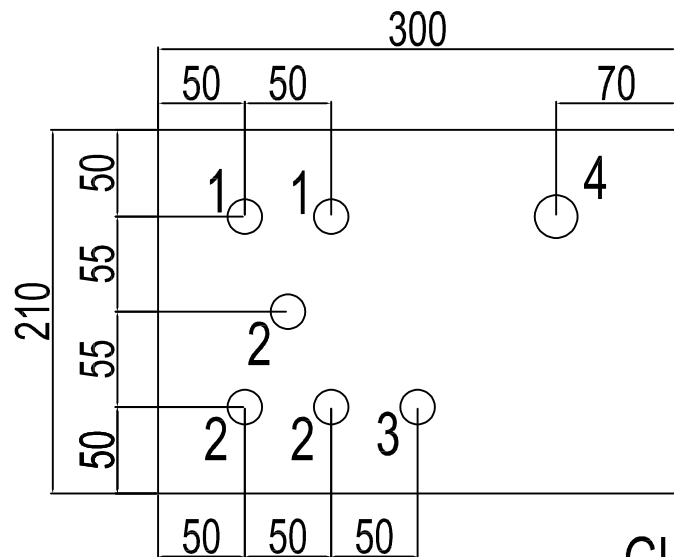


BOTTOM VIEW

EARTHING BOSS M10

EARTHING BOSS M10

PE Bar

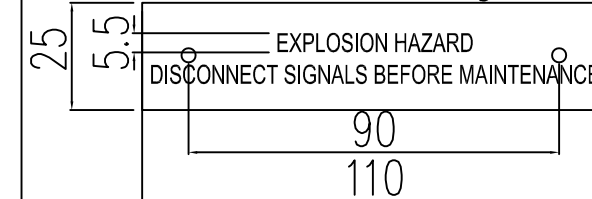


GLAND ENTRY DETAILS

- 1 = Solenoid cable - M20
- 2 = Spare plug - M20
- 3 = Breather / Drain - M20
- 4 = Solenoid multipair cable - M25

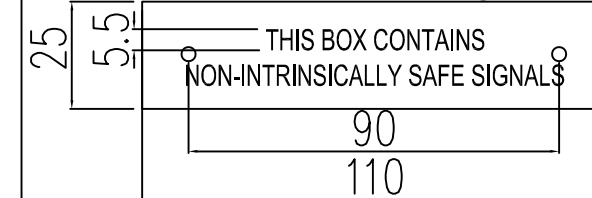
- M20: 1x (Breather)
- M20: 5x
- M25: 1x

Nameplate for junction box, ABS
White letters on red background

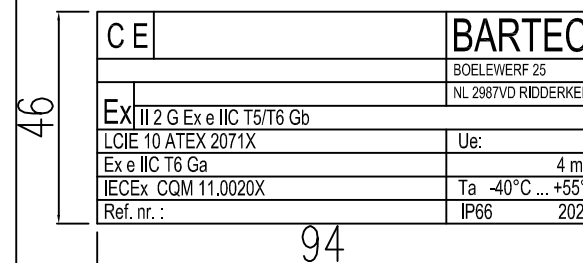


Terminal strip: X1
Make: Weidmuller
Qty: 16

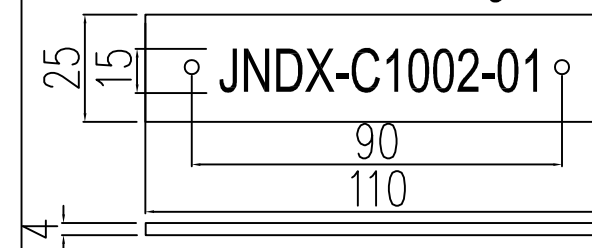
Nameplate for junction box, ABS
White letters on red background



NAMEPLATE, 3:1, SS316 (typical)



TAG.NO, 3:1, ABS
Black letters on white background



GENERAL NOTES

1. Panel material: SS316
2. Ingress protection: IP-65
3. Panel dimensions: 300x380x210 mm
4. Area classification: Eex 'e' (RAL6021) Green
5. All spare holes are plugged with certified plugs

REFERENCE DRAWINGS	DWG.No.
WIRING DIAGRAM	BU-20-VD-303-IN-DIG-0043

08/19/22	As Built	RT	RB	RB	-
07/25/22	Approved for Construction	RT	RB	RB	-
08/10/22	Approved for Construction	RT	RB	RB	-
05/26/22	For approval	RT	RB	RB	-
04/04/22	For approval	BK	RB	RB	-
03/15/22	For approval	BK	RB	RB	-
02/14/21	For approval (P.O.I)	HT	RB	RB	-

OWNER:	MC:	CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY
NITROGEN GAS BOOSTER INCLUDING BILL OF MATERIALS

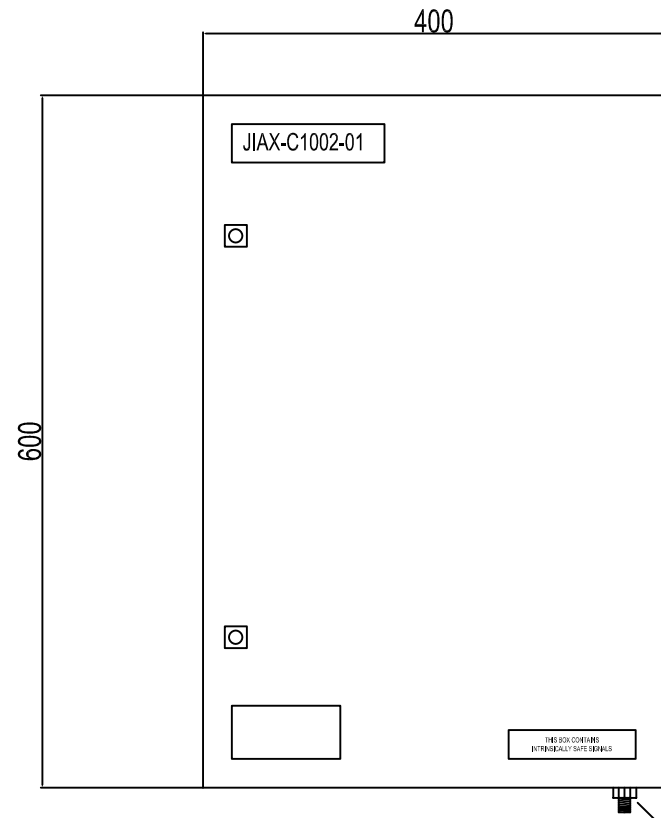
DRAWING TITLE: 17811-07A

UCP/LCP/RB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCLUDING BILL OF MATERIALS

CONTRACT NO.	SCALE	SIZE	CLASS	PHASE
52-98/445	XX	A0	1	P
DOCUMENT NO.	PROJECT	AREA	PHASE	MRO No.
OWNER DOC. NO.:	BU-20-VD-303-IN-DWG-0039	3 OF 6	08	

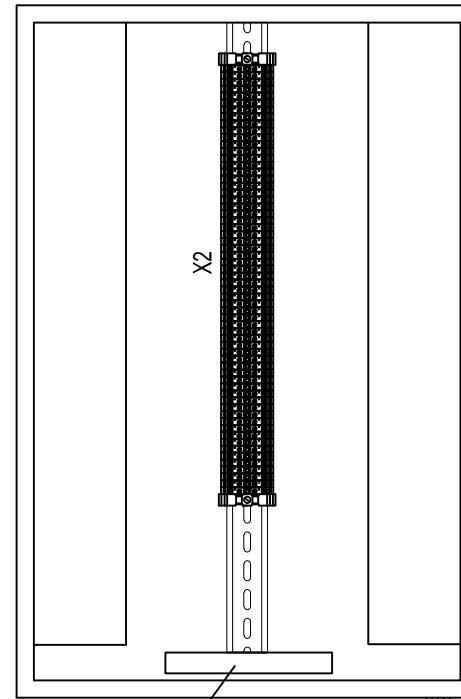
JIAX-C1002-01

FRONT SIDE (OUTSIDE) VIEW



EARTHING BOSS M10

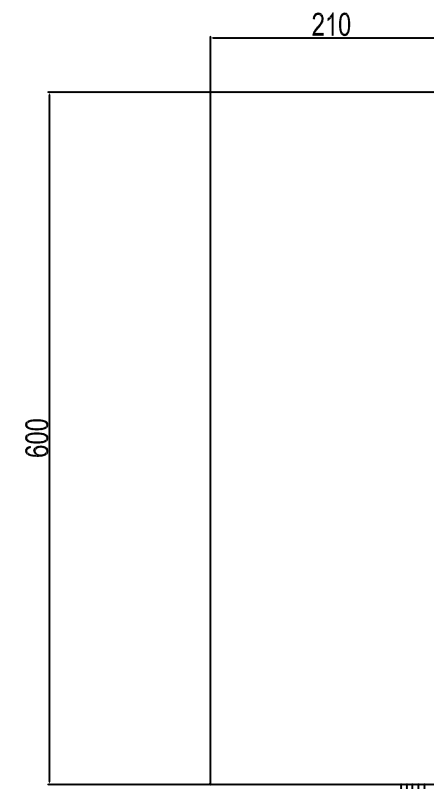
FRONT SIDE (INSIDE) VIEW



ISE Bar

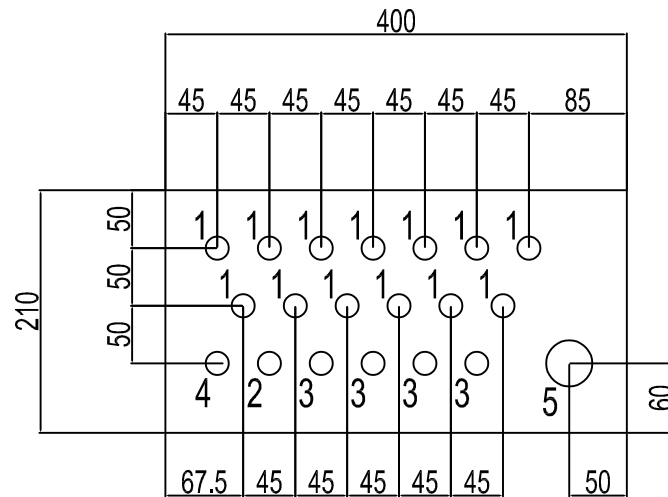
EARTHING BOSS M10

SIDE (OUTSIDE) VIEW



EARTHING BOSS M10

BOTTOM VIEW



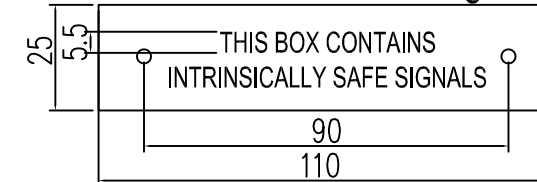
GLAND ENTRY DETAILS

- 1 = Transmitter cable - M20
- 2 = PCV cable - M20
- 3 = Spare plug - M20
- 4 = Breather / Drain - M20
- 5 = Transmitter/PCV multipair cable - M40

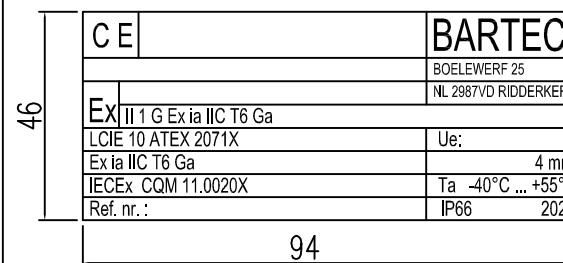
- M20: 1x (Breather)
- M20: 18x
- M40: 1x

Terminal strip: X2
Make: Weidmuller
Qty: 62

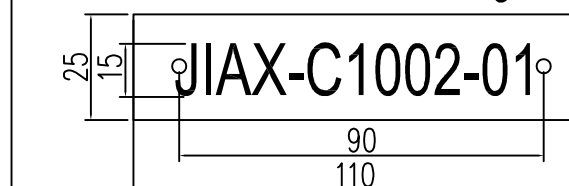
Nameplate for junction box, ABS
Black letter on white background



NAMEPLATE, 3:1, SS316 (typical)



TAG.NO, 3:1, ABS
Black letter on white background



GENERAL NOTES

1. Panel material: SS316
2. Ingress protection: IP-65
3. Panel dimensions: 400x600x210 mm
4. Area classification: Eex 'i' (RAL 5015) Blue
5. All spare holes are plugged with certified plugs

REFERENCE DRAWINGS	DWG.No.
WIRING DIAGRAM	BU-20-VD-303-IN-DG-0043

REV.	DATE	PURPOSE OF ISSUE (P.O.I.)	PREP.	CHKD.	APPR.	AC.
08	19/12/22	As Built	RT	RB	RB	-
07	25/11/22	Approved for Construction	RT	RB	RB	-
06	10/11/22	Approved for Construction	RT	RB	RB	-
05	26/08/22	For approval	RT	RB	RB	-
04	04/08/22	For approval	HT	RB	RB	-
03	15/06/22	For approval	HT	RB	RB	-
02	14/12/21	For approval	HT	RB	RB	-

OWNER:	MC:	CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT

DRAWING TITLE: 17811-07A
UCP/LCP/3B GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCLUDING BILL OF MATERIALS

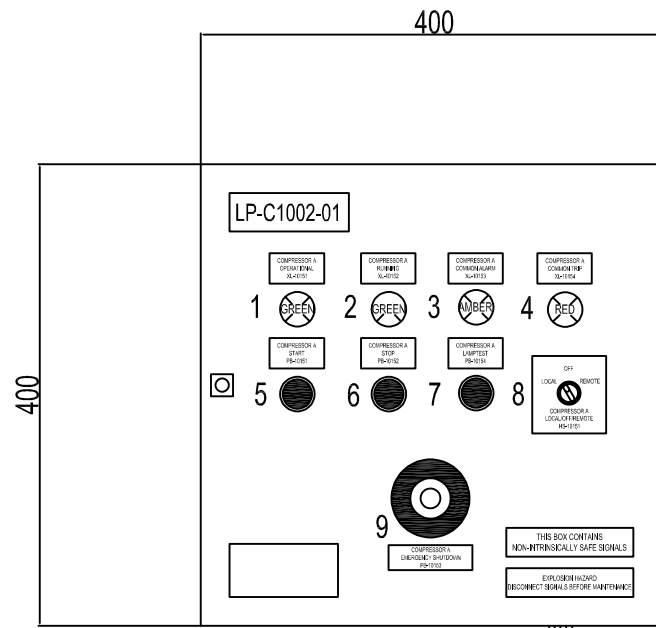
CONTRACT NO.	SCALE	SIZE	CLASS	PHASE
52-98/445	XX	A0	1	P

DOCUMENT NO.	PROJECT	AREA	PHASE	MIRQ No.	DIS.	DOC.	SEQ.	SHEET	REV. NO.

OWNER DOC. NO.: BU-20-VD-303-IN-DWG-0039 4 OF 6 08

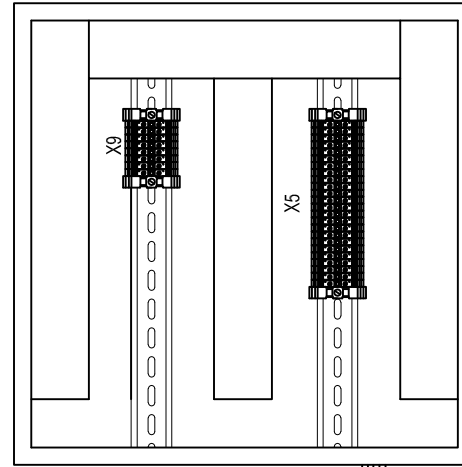
LP-C1002-01

FRONT SIDE (OUTSIDE) VIEW



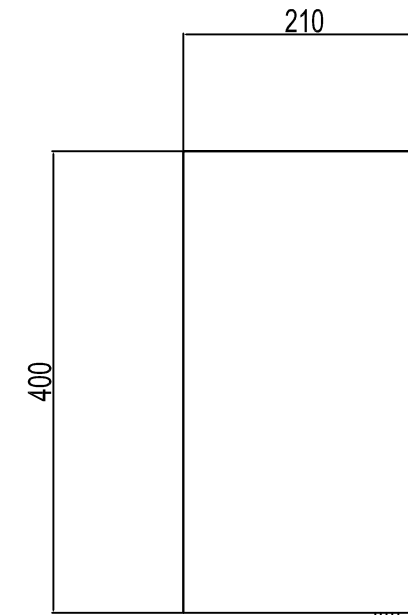
EARTHING BOSS M10

FRONT SIDE (INSIDE) VIEW



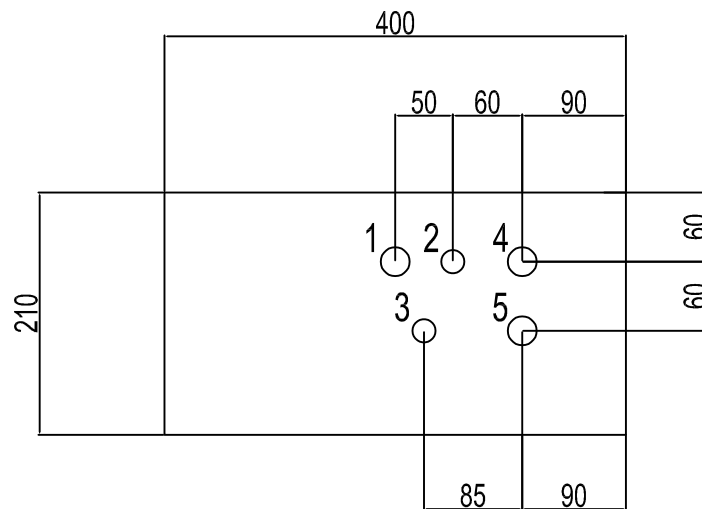
EARTHING BOSS M10

SIDE (OUTSIDE) VIEW



EARTHING BOSS M10

BOTTOM VIEW

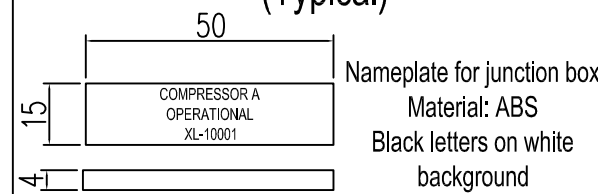


- 1 = ESD multicore cable - M25
- 2 = Spare plug - M20
- 3 = Breather / Drain - M20
- 4 = Pushbutton / Lamps multicore cable - M25
- 5 = Spare plug - M25

GLAND ENTRY DETAILS

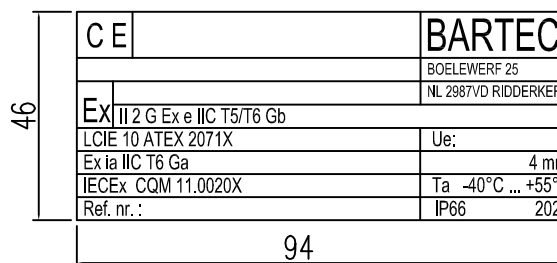
- M20: 1x (Breather)
- M20: 1x
- M25: 3x

Nameplate for components on JB door (Typical)

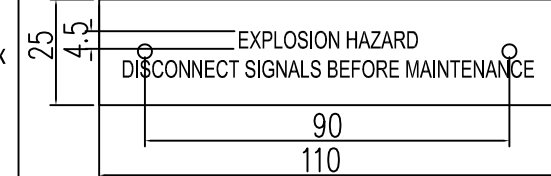


Terminal strip: X5 & X9
Make: Weidmuller
Qty: 24 & 8

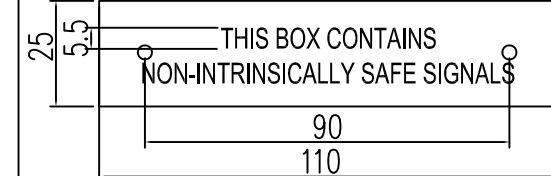
NAMEPLATE, 3:1, SS316 (typical)



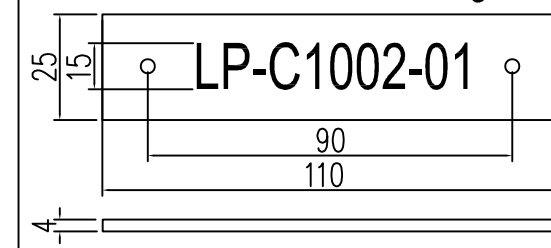
Nameplate for junction box, ABS White letters on red background



Nameplate for junction box, ABS White letters on red background



Label, 3:1, ABS Black letters on white background



GENERAL NOTES

1. Panel material: SS316
2. Ingress protection: IP-65
3. Panel dimensions: 400x400x210 mm
4. Area classification: Eex 'e' (RAL 6021) Green
5. All spare holes are plugged with certified plugs
6. Additional information provided on the nameplate:
 - Protection degree panel
 - Permissible withstanding short circuit current
 - Total weight panel
 - Insulation voltage panel
 - Manufacturer date
 - Panel tag

REFERENCE DRAWINGS	DWG.No.
WIRING DIAGRAM	BU-20-VD-303-IN-DG-0043

REV.	DATE	PURPOSE OF ISSUE (P.O.I.)	PREP.	CHKD.	APPR.	AC.
08	19/12/22	As Built	RT	RB	RB	-
07	25/11/22	Approved for Construction	RT	RB	RB	-
06	10/11/22	Approved for Construction	RT	RB	RB	-
05	26/08/22	For approval	RT	RB	RB	-
04	04/08/22	For approval	HT	RB	RB	-
03	15/06/22	For approval	HT	RB	RB	-
02	14/12/21	For approval	HT	RB	RB	-

OWNER:

CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT

DRAWING TITLE: 17811-07A
UCP/LCP/JB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCLUDING BILL OF MATERIALS

CONTRACT NO.	SCALE	SIZE	CLASS	PHASE					
52-98/445	XX	A0	1	P					
DOCUMENT NO.	PROJECT	AREA	PHASE	MRO No.	DIS.	DOC.	SEQ.	SHEET	REV. NO.
								6 OF 6	08

OWNER DOC. NO.: BU-20-VD-303-IN-DWG-0039 6 OF 6 08