





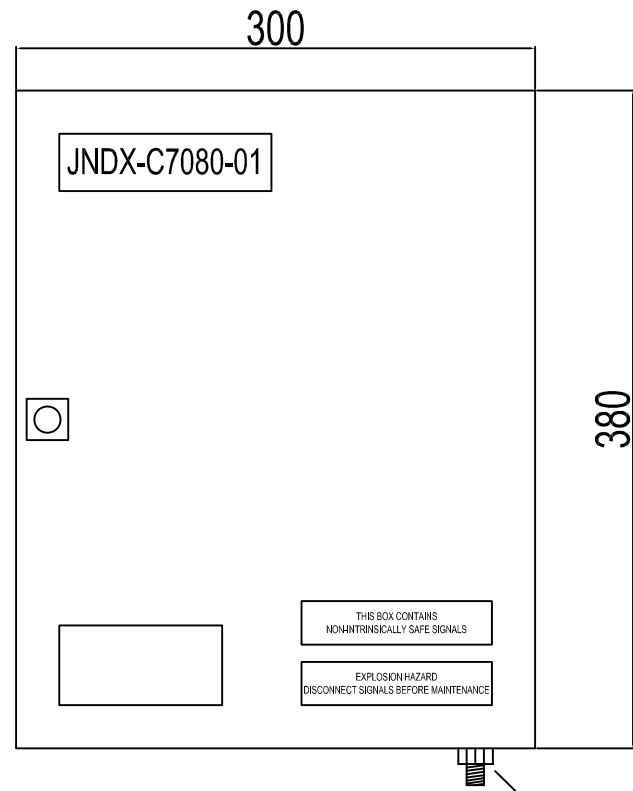
OWNER:  شرکت مست و سوی آمو ایران (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT							EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	UCP/LCP/JB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR EMERGENCY INSTRUMENT AIR COMPRESSOR INCL. BOM								
MC :  شرکت مست و سوی آمو ایران (سهامی خاص)								Project	Area
Owner Document Number: 17811-07B	BU	20	VD	303	IN	DWG	0089	Rev.:	Page
								08	1 of 8

UCP/LCP/JB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR EMERGENCY INSTRUMENT AIR COMPRESSOR INCL. BOM

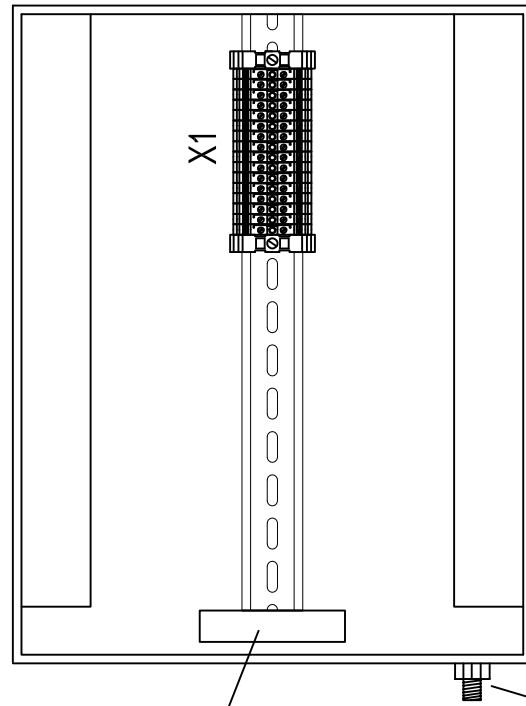
08	20/12/2022	As Built	SK	RB	KP	
07	28/11/2022	Approved for construction	RT	RB	KP	
06	11/11/2022	Approved for construction	RT	RB	KP	
05	30/09/2022	For approval	BK	RB	KP	
04	08/08/2022	For approval	BK	RB	KP	
03	16/06/2022	For approval	BK	RB	KP	
02	14/12/2021	For approval	HT	RB	KP	
01	19/10/2021	For approval	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-C7080-01

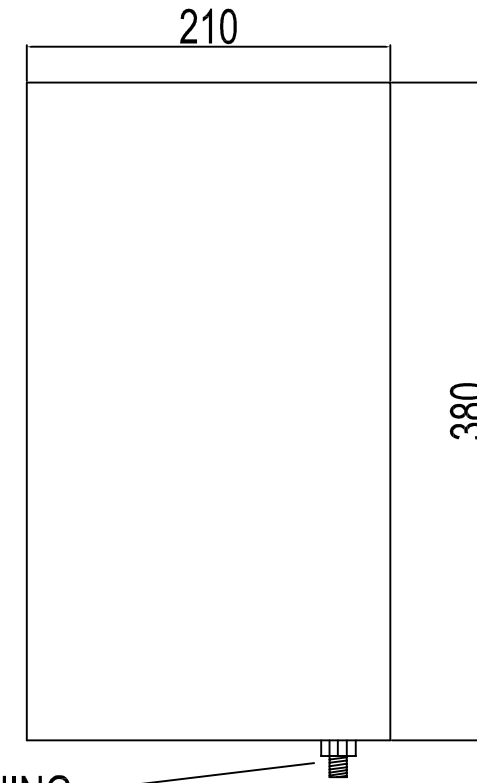
FRONT SIDE (OUTSIDE) VIEW



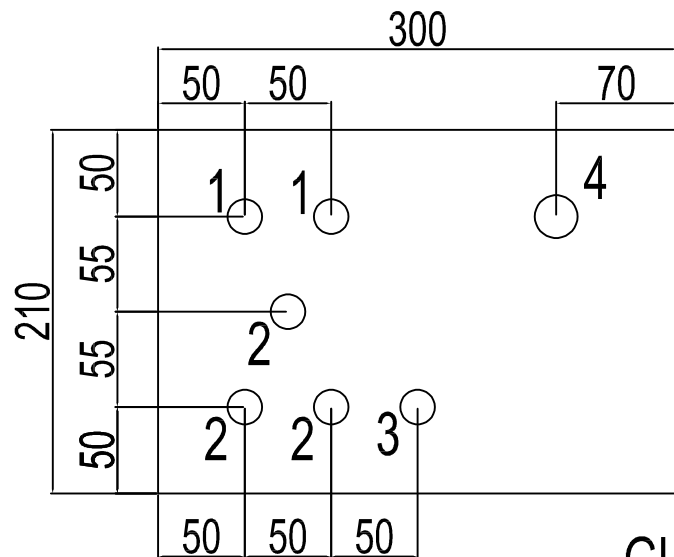
FRONT SIDE (INSIDE) VIEW



SIDE (OUTSIDE) VIEW



BOTTOM VIEW



EARTHING BOSS M10

PE Bar

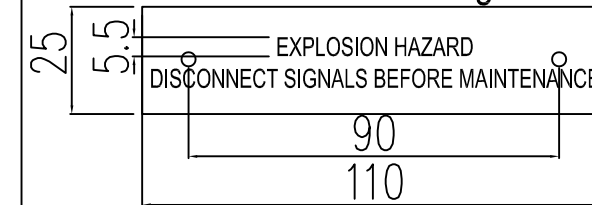
EARTHING BOSS M10

GLAND ENTRY DETAILS

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

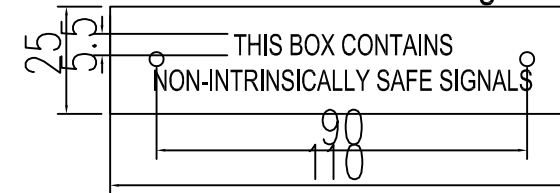
- M20: 1x (Breather)
- M20: 5x
- M25: 1x

Nameplate for junction box, ABS
White letters on red background

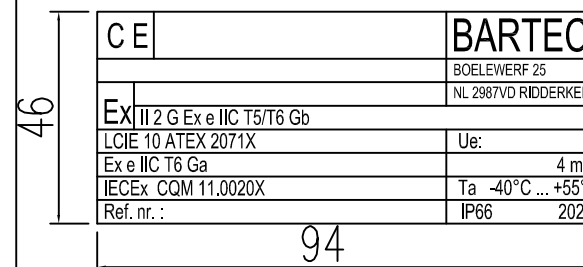


Terminal strip: X1
Make: Weidmuller
Qty: 16

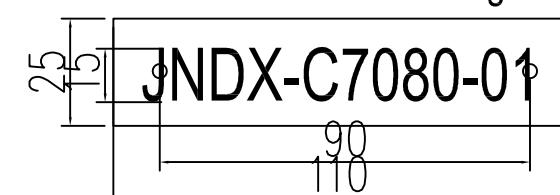
Nameplate for junction box, ABS
White letters on red background



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' (RAL 6021) Green
5. All spare holes are plugged with certified plugs

REFERENCE DRAWINGS	DWG.No.
WIRING DIAGRAM	BU-20-VD-303-IN-DIG-0093

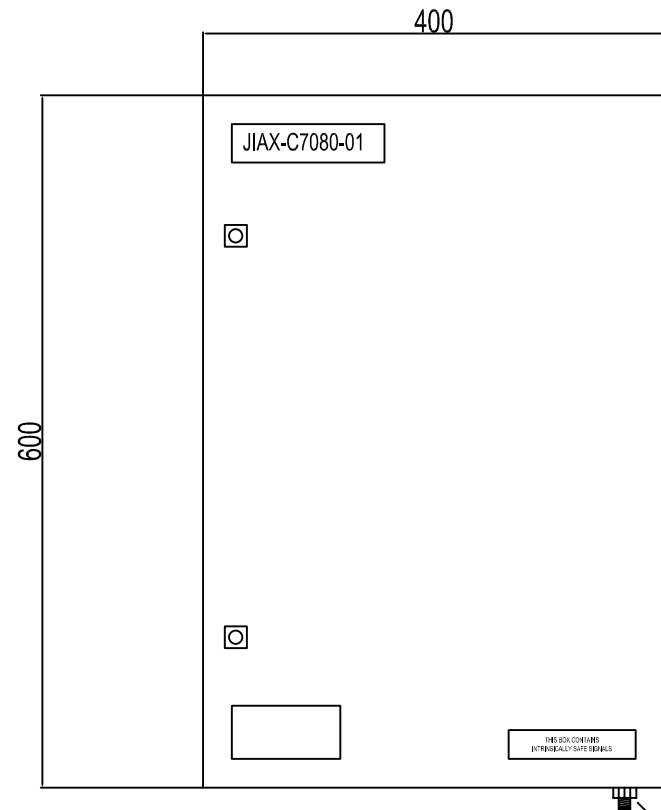
REV.	DATE	PURPOSE OF ISSUE (P.O.I.)	PREP.	CHKD.	APPR.	AC.
08	19/12/22	As Built	RT	RB	RB	-
07	25/11/22	Approved for Construction	RT	RB	RB	-
06	10/11/22	Approved for Construction	RT	RB	RB	-
05	26/08/22	For approval	RT	RB	RB	-
04	04/08/22	For approval	BK	RB	RB	-
03	15/06/22	For approval	BK	RB	RB	-
02	18/10/21	For approval	HT	RB	RB	-

OWNER:	MC:	CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						
DRAWING TITLE: 17811-07B						
VCP/ADP/IN GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR EMERGENCY INSTRUMENT AIR COMPRESSOR						
CONTRACT NO.	SCALE	SIZE	CLASS	PHASE		
52-98/445	XX	A0	1	P		
DOCUMENT NO.	PROJECT	AREA	PHASE	MRO No.	DIS.	SEQ.
OWNER DOC. NO.: BU-20-VD-303-IN-002-009	BU-20-VD-303-IN-DWG-0089					
						3 OF 6

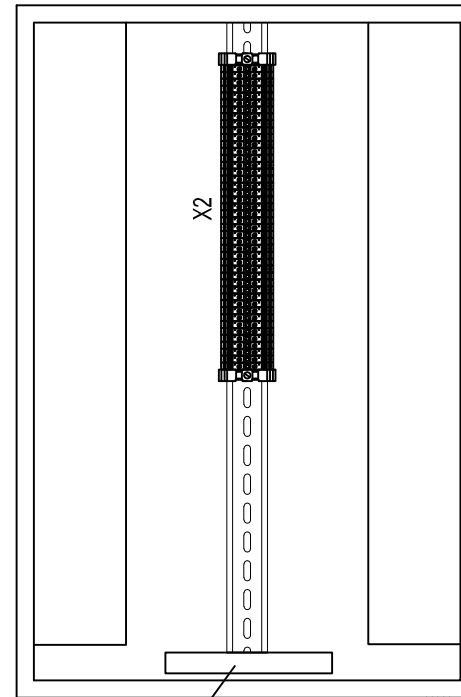
JIAX-C7080-01

FRONT SIDE (OUTSIDE) VIEW



EARTHING BOSS M10

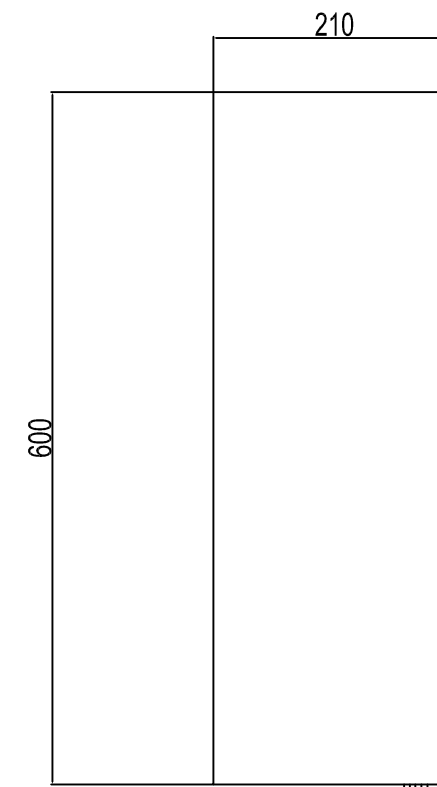
FRONT SIDE (INSIDE) VIEW



ISE Bar

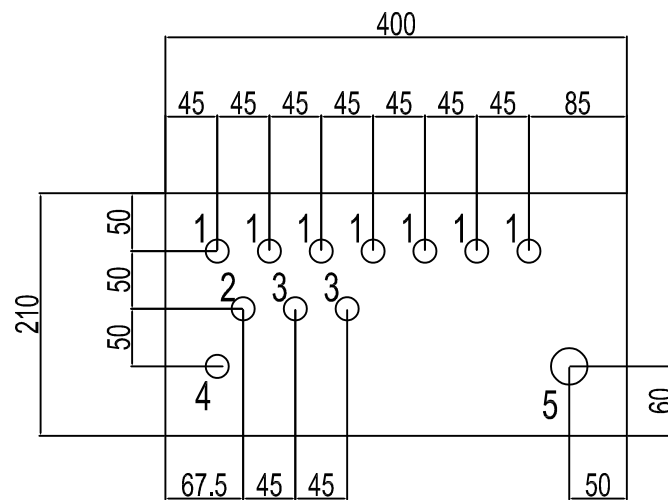
EARTHING BOSS M10

SIDE (OUTSIDE) VIEW



EARTHING BOSS M10

BOTTOM VIEW



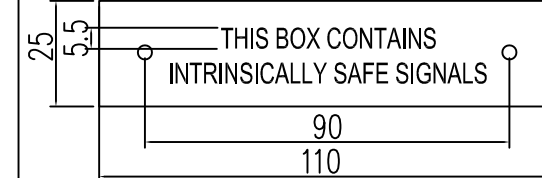
- 1 = Transmitter cable - M20
- 2 = PCV cable - M20
- 3 = Spare plug - M20
- 4 = Breather / Drain - M20
- 5 = Transmitter/PCV multipair cable - M32

GLAND ENTRY DETAILS

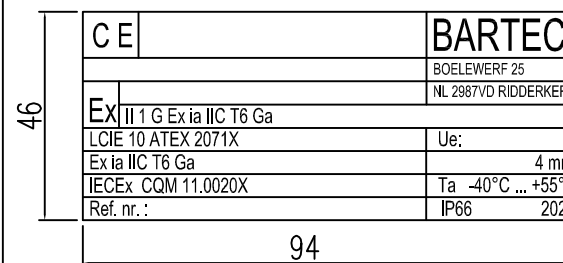
- M20: 1x (Breather)
- M20: 10x
- M32: 1x

Terminal strip: X2
Make: Weidmuller
Qty: 44

Nameplate for junction box, ABS
Black letter on white 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: 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-0093

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	BK	RB	-
03	15/06/22	For approval	HT	BK	RB	-
02	14/12/21	For approval	HT	RB	RB	-

OWNER:	MC:	CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT

DRAWING TITLE: 17811-07B
SVP/LOP/IS GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

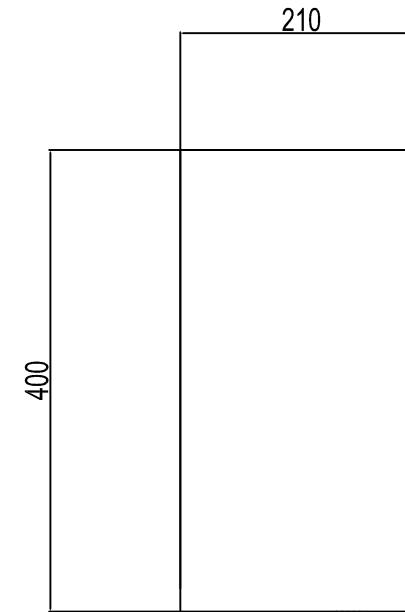
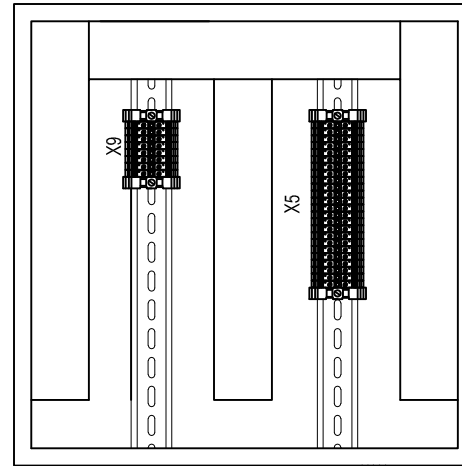
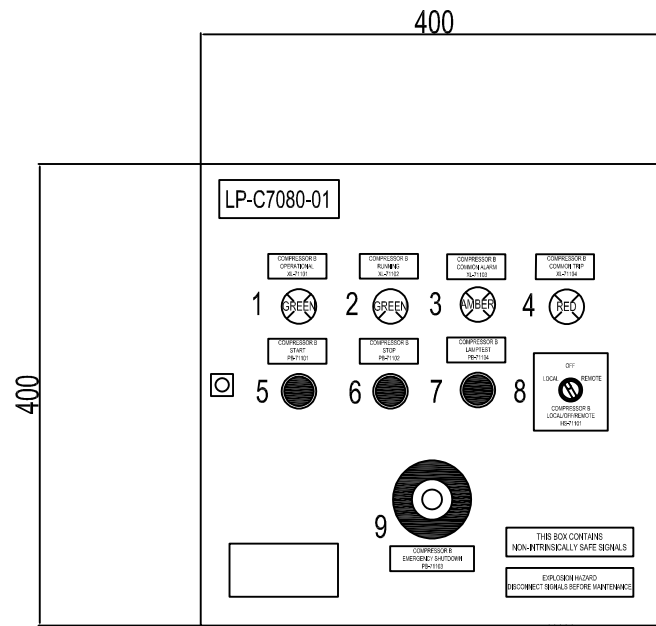
CONTRACT NO.	SCALE	SIZE	CLASS	PHASE					
52-98/445	XX	A0	1	P					
DOCUMENT NO.	PROJECT	AREA	PHASE	MIRQ No.	DIS.	DOC.	SEQ.	SHEET	REV. NO.
OWNER DOC. NO.: BU-20-VD-303-IN-DG-0089								4 OF 6	08

LP-C7080-01

FRONT SIDE (OUTSIDE) VIEW

FRONT SIDE (INSIDE) VIEW

SIDE (OUTSIDE) VIEW

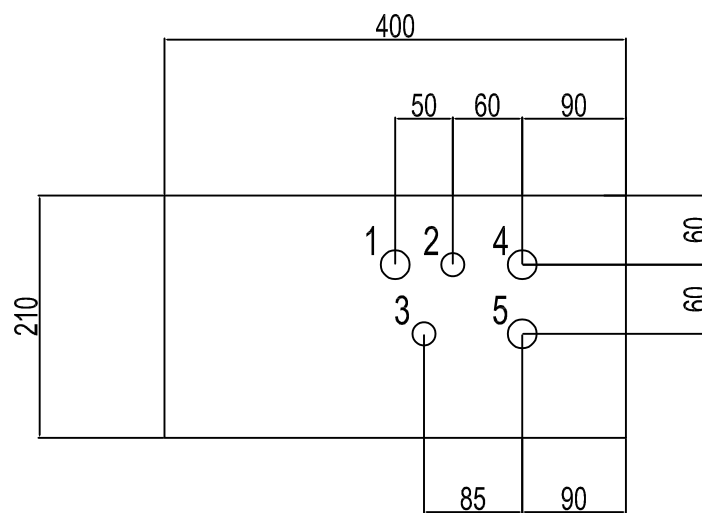


EARTHING BOSS M10

EARTHING BOSS M10

EARTHING BOSS M10

BOTTOM VIEW

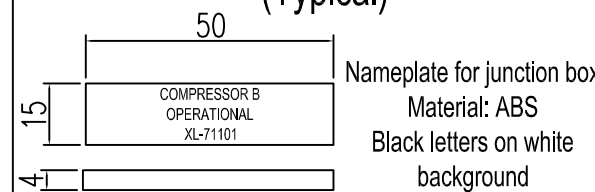


- 1 = ESD multicore cable - M25
- 2 = Spare plug - M20
- 3 = Breather / Drain - M20
- 4 = Pushbutton / Lamps multicore cable - M25
- 5 = Spare plug - M25

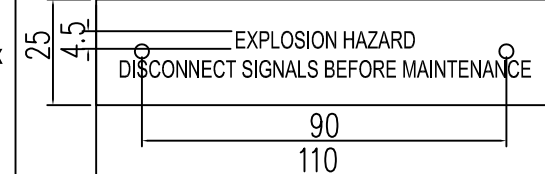
GLAND ENTRY DETAILS

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

Nameplate for components on JB door (Typical)

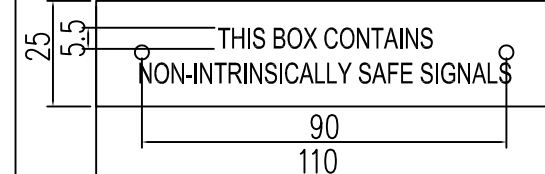


Nameplate for junction box, ABS White letters on red background

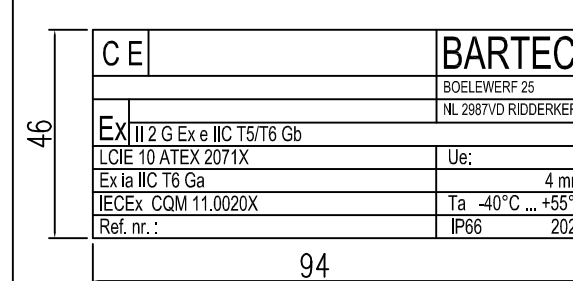


Terminal strip: X5 & X9
Make: Weidmuller
Qty: 24 & 8

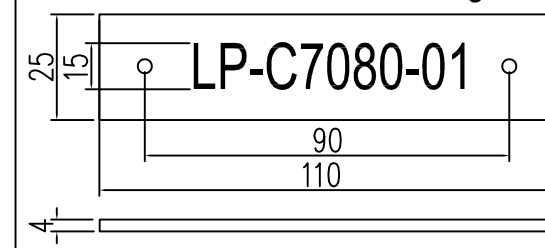
Nameplate for junction box, ABS White letters on red background



NAMEPLATE, 3:1, SS316 (typical)



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-DIG-0093

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	BK	RB	-
03	15/06/22	For approval	HT	BK	RB	-
02	14/12/21	For approval	HT	RB	RB	-

OWNER:

MC:

CONTRACTOR:

PROJECT: BUSHEHR PETROCHEMICAL COMPANY MEG PLANT

DRAWING TITLE: 17811-07B

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

DOCUMENT NO. PROJECT AREA PHASE M/RG No. DIS. SEQ. SHEET REV. NO.

OWNER DOC. NO.: BU-20-VD-303-IN-DIG-0093 6 OF 6 08