







OWNER:  شرکت مست و سویی گیس ایرانیان (سهامی خاص)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerechimi-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 سویی گیس ایرانیان (سهامی خاص)	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
								06	1 of 8

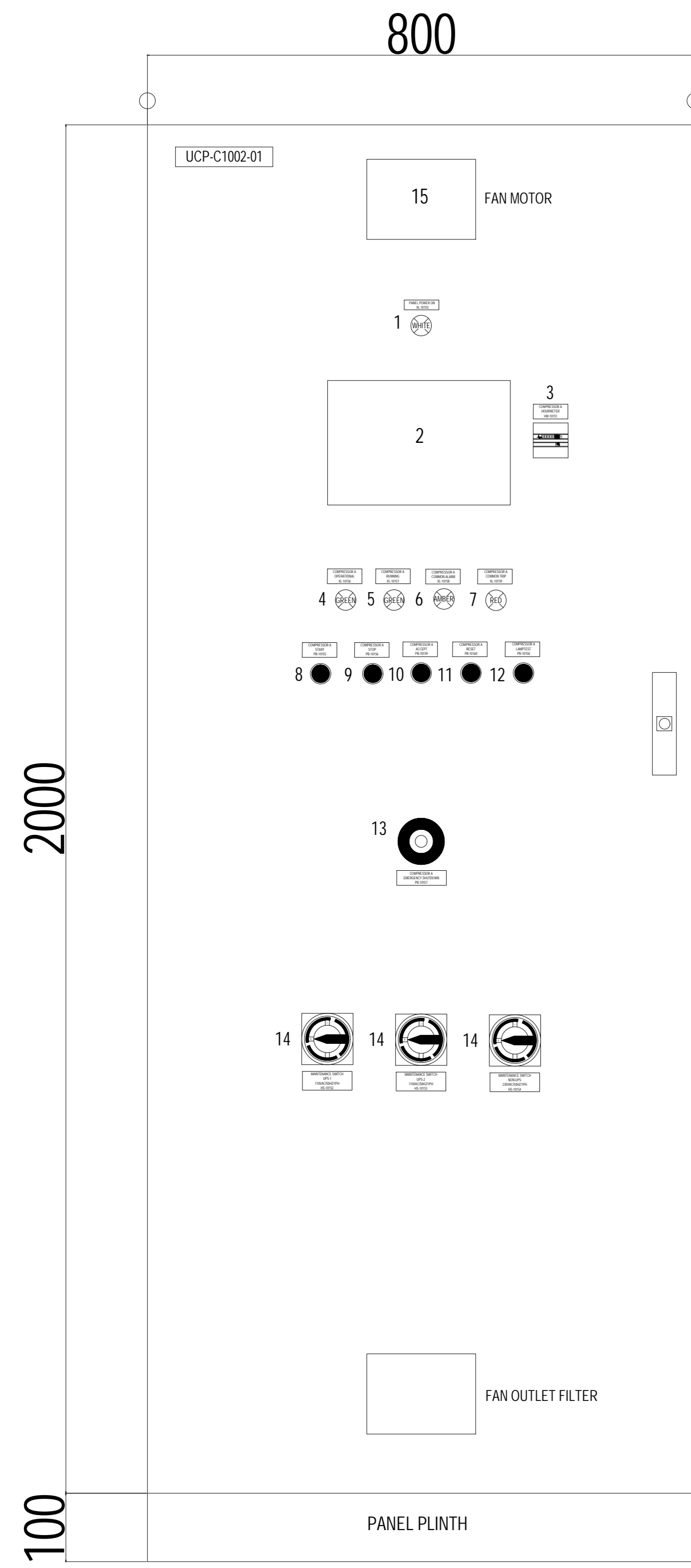
UCP/LCP/JB GENERAL ARRANGEMENT DRAWING & TERMINAL DETAILS FOR NITROGEN GAS BOOSTER INCL. BOM

 شرکت مست و سویی گیس ایرانیان (سهامی خاص)	 Chagalesh-Enerechimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review		
Issue Purpose:	AFC	
Result Code: AP,AN,CM,RE,NC	AN	
Next Status : IFC,IFA,IFI,AFC,AB	AFC	
Responsible Department	MECHANICAL	
Commented Date	Nov.19,2022	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

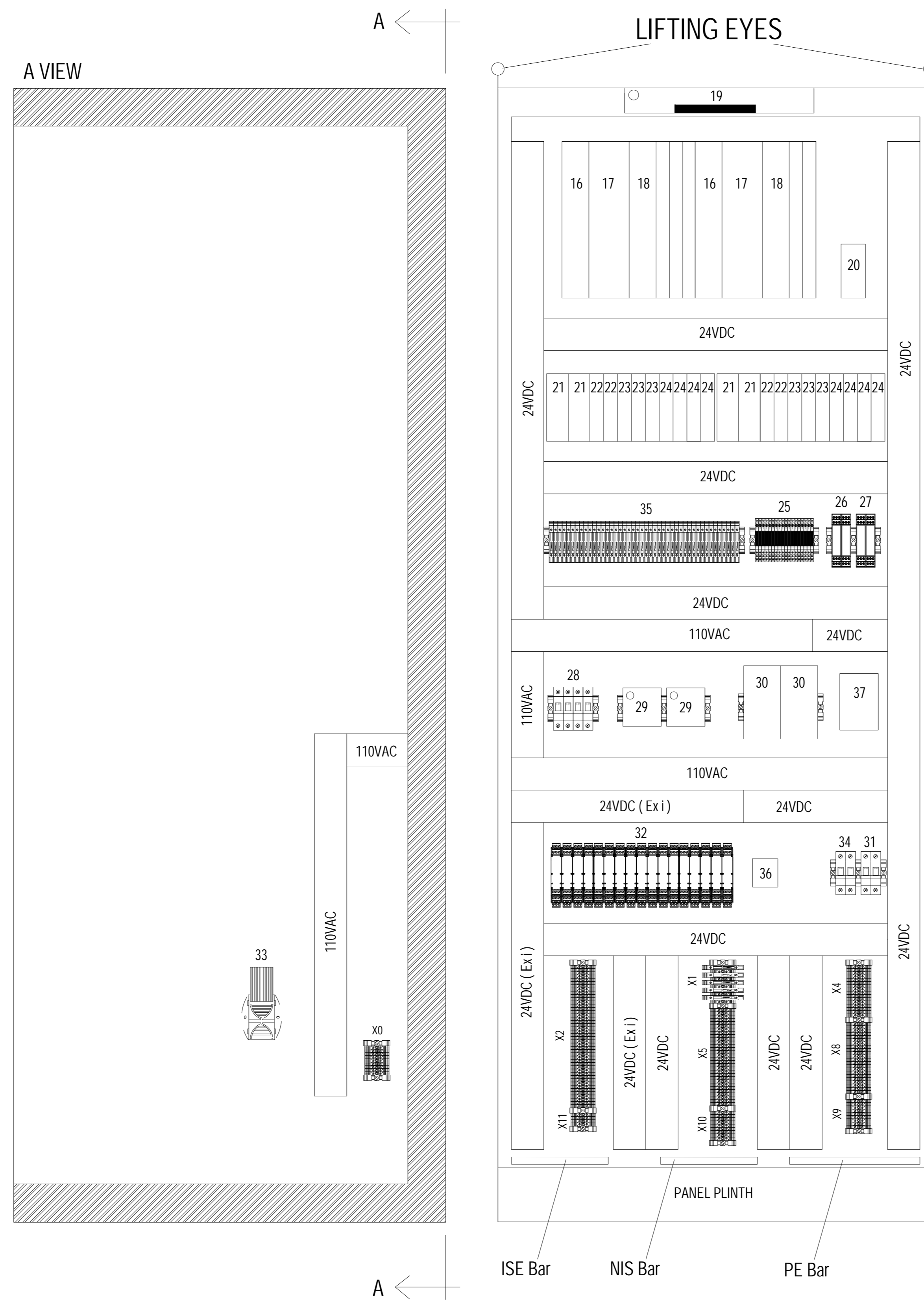
06	11/11/2022	Approved for construction	RT	RB	KP	
05	30/09/2022	For approval	BK	RB	KP	
04	08/08/2022	For approval	BK	RB	KP	
03	16/06/2022	For approval	BK	RB	KP	
02	14/12/2021	For approval	HT	RB	KP	
01	19/10/2021	For approval	HT	RB	KP	
00	24/11/2020	For approval	HT	RB	KP	
Rev.	Date	Purpose of Issue	Prepared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

UCP-C1002-01

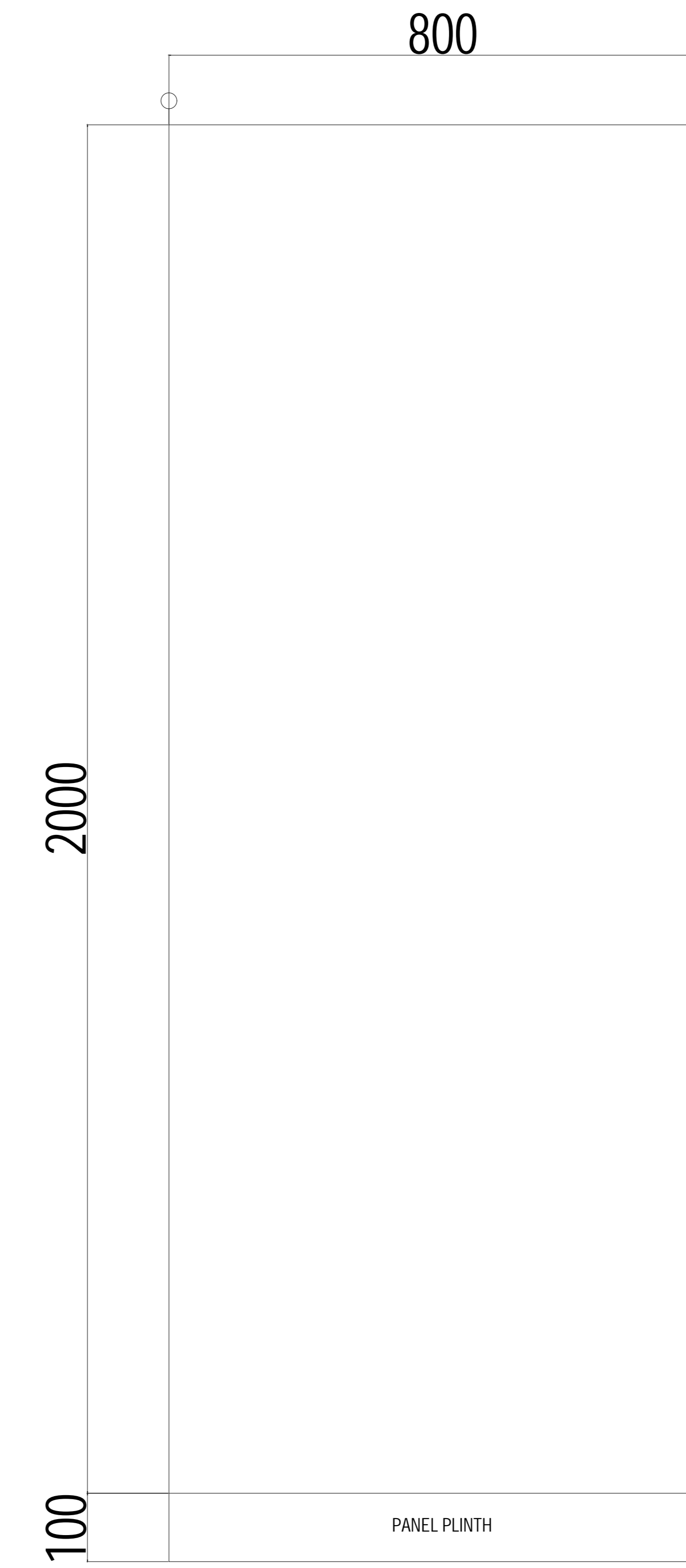
FRONT SIDE (OUTSIDE) VIEW



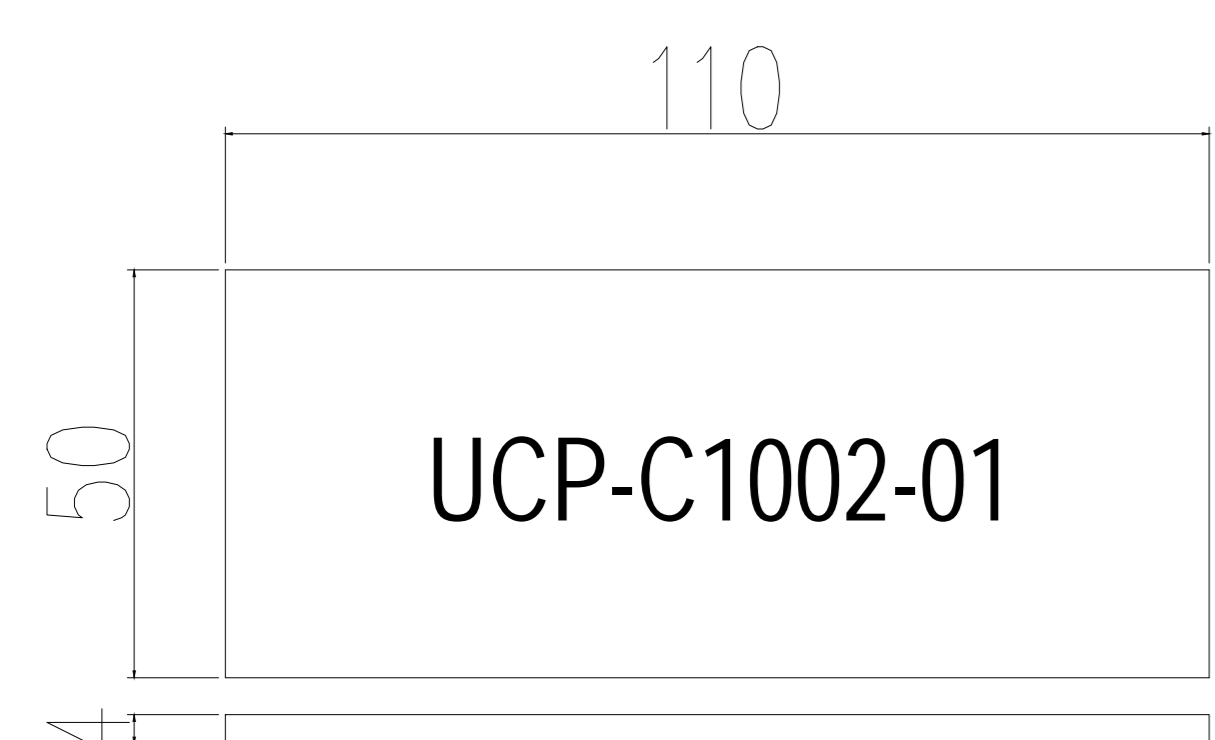
FRONT SIDE (INSIDE) VIEW



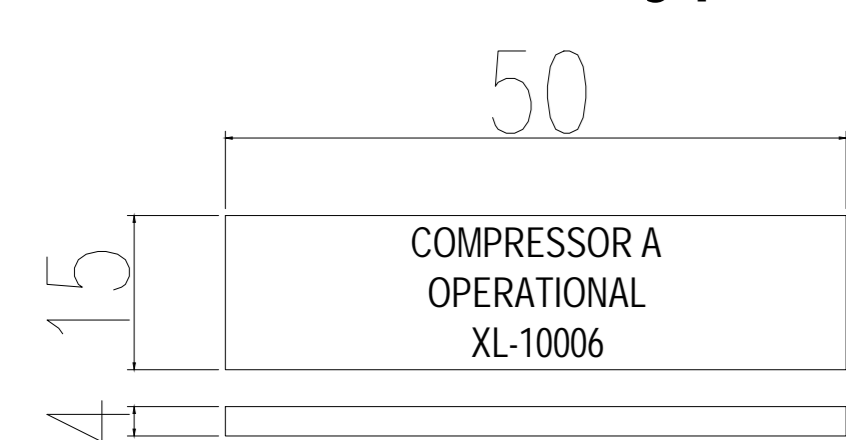
SIDE (OUTSIDE) VIEW



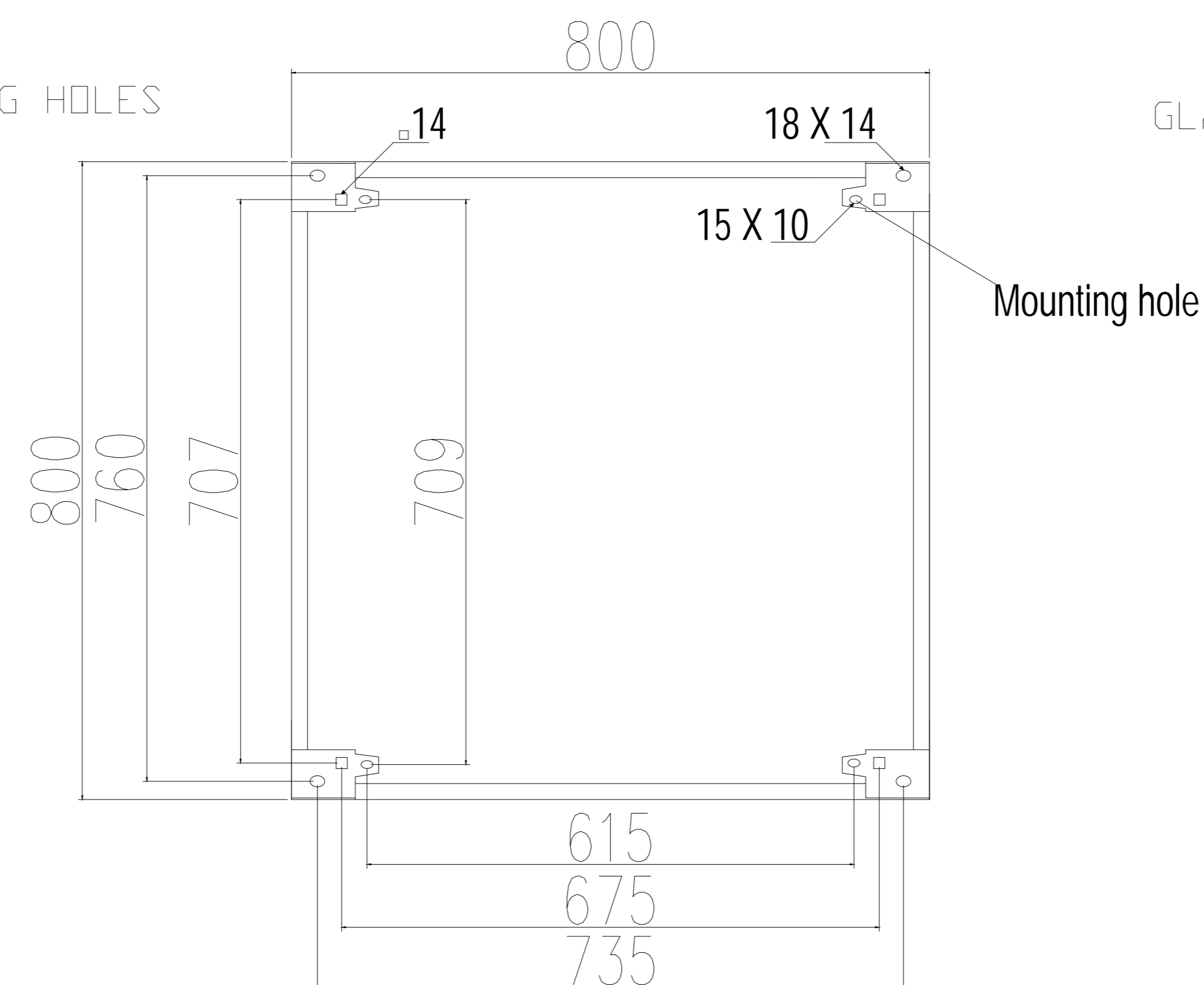
Nameplate for UCP panel



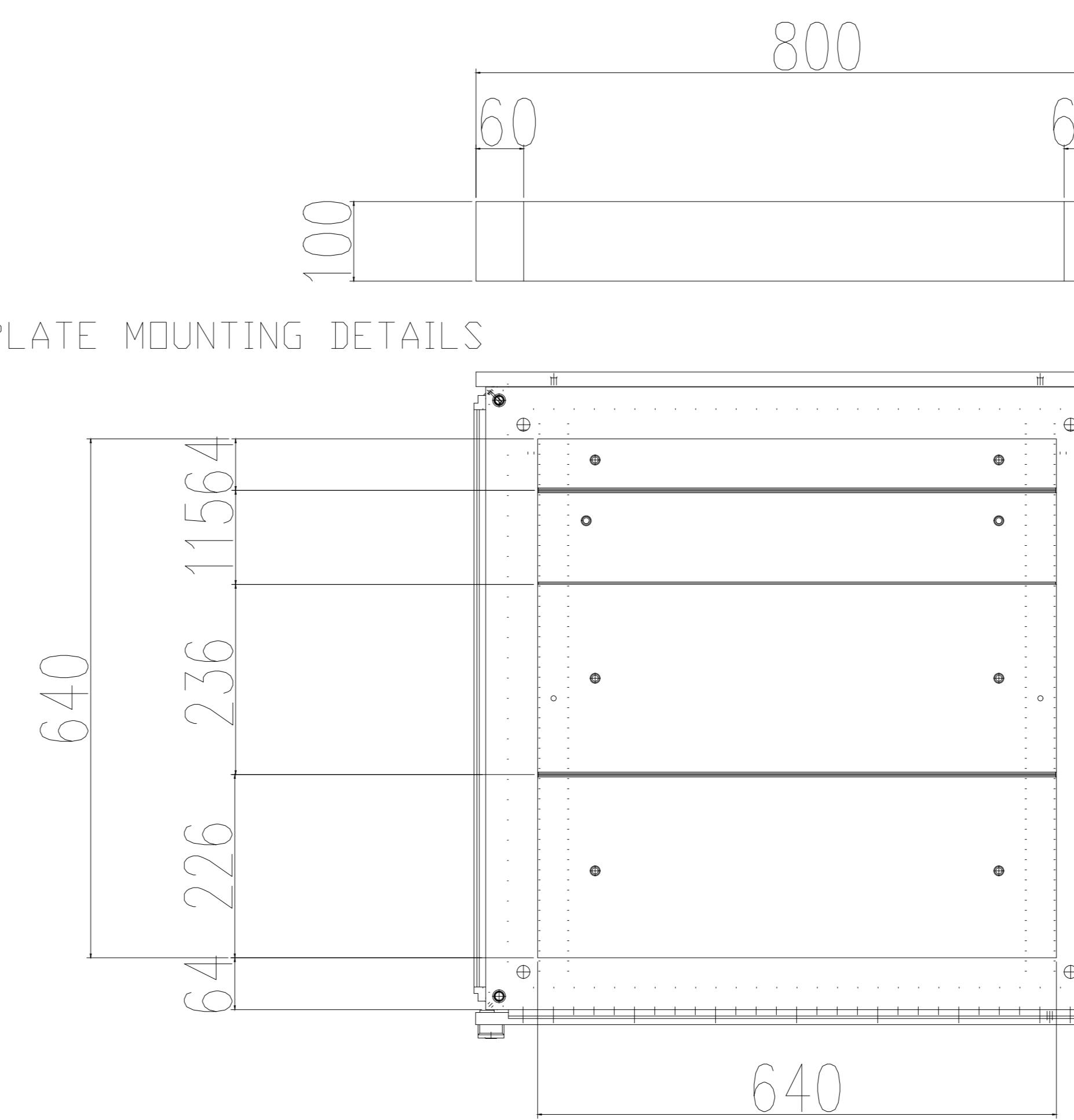
Nameplate for components on panel door (Typical)



PLINTH FIXING HOLES



GLAND PLATE MOUNTING DETAILS



GENERAL NOTES

1. Panel material: Painted sheet steel (RAL7035)
2. Ingress protection: IP-42
3. Panel dimensions: 2100x800x800 mm
4. Area classification: Safe area
5. Drawing pocket will be included: (A3 format)

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

06/10/11/22	Approved for Construction	RT	RB	RB	RB	RB	RB
05/26/09/22	For approval	RT	RB	RB	RB	RB	RB
04/04/08/22	For approval	BK	RB	RB	RB	RB	RB
03/15/06/22	For approval	BK	RB	RB	RB	RB	RB
02/14/12/21	For approval	HT	RB	RB	RB	RB	RB
01/18/10/21	For approval	HT	RB	RB	RB	RB	RB
REV. DATE	PURPOSE OF ISSUE (P.O.I.)	PREP.	CHKD.	APPR.	AC.		

OWNER:

MC:

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.
OWNER DOC. NO.: BU-20-VD-303-IN-DWG-0039	BU-20-VD-303-IN-DWG-0039							2 OF 6	06

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
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Nr	Description	Tagnumber	Make	Qty	Modelnumbers
1.	Operational lamp (green)	3H4	Schneider	1	XB4BVB3
2.	Running lamp (green)	3H6	Schneider	1	XB4BVB3
3.	Common alarm lamp (amber)	3H8	Schneider	1	XB4BVB5
4.	Common trip lamp (red)	3H10	Schneider	1	XB4BVB4
5.	Start pushbutton (green)	2S4	Schneider	1	XB4BA31
6.	Stop pushbutton (red)	2S6	Schneider	1	XB4BA42
7.	Lamp test pushbutton (black)	2S8	Schneider	1	XB4BA21
8.	Selector switch (local/off/remote)	2S10	Schneider	1	-
9.	ESD button	4S3	Schneider	1	-



GENERAL NOTES

1. Tag numbers correspond with electrical diagram
2. All the parts that are on the list in the panel layout will be included in the IOM.

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

Nr	Description	Tagnumber	Make	Qty	Modelnumbers
X5	Terminal strip	X5...,	Weidmuller	26	WDU4
X9	Terminal strip	X9...,	Weidmuller	8	WDU4

REV	DATE	PURPOSE OF ISSUE (P.O.I.)	PREP.	CHKD.	APPR.	AC.
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03	15/06/22	For approval	HT	RB	RB	I
02	14/12/21	For approval	HT	RB	RB	I
01	18/10/21	For approval	HT	RB	RB	I

OWNER:  MC:  CONTRACTOR: 

PROJECT: BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT

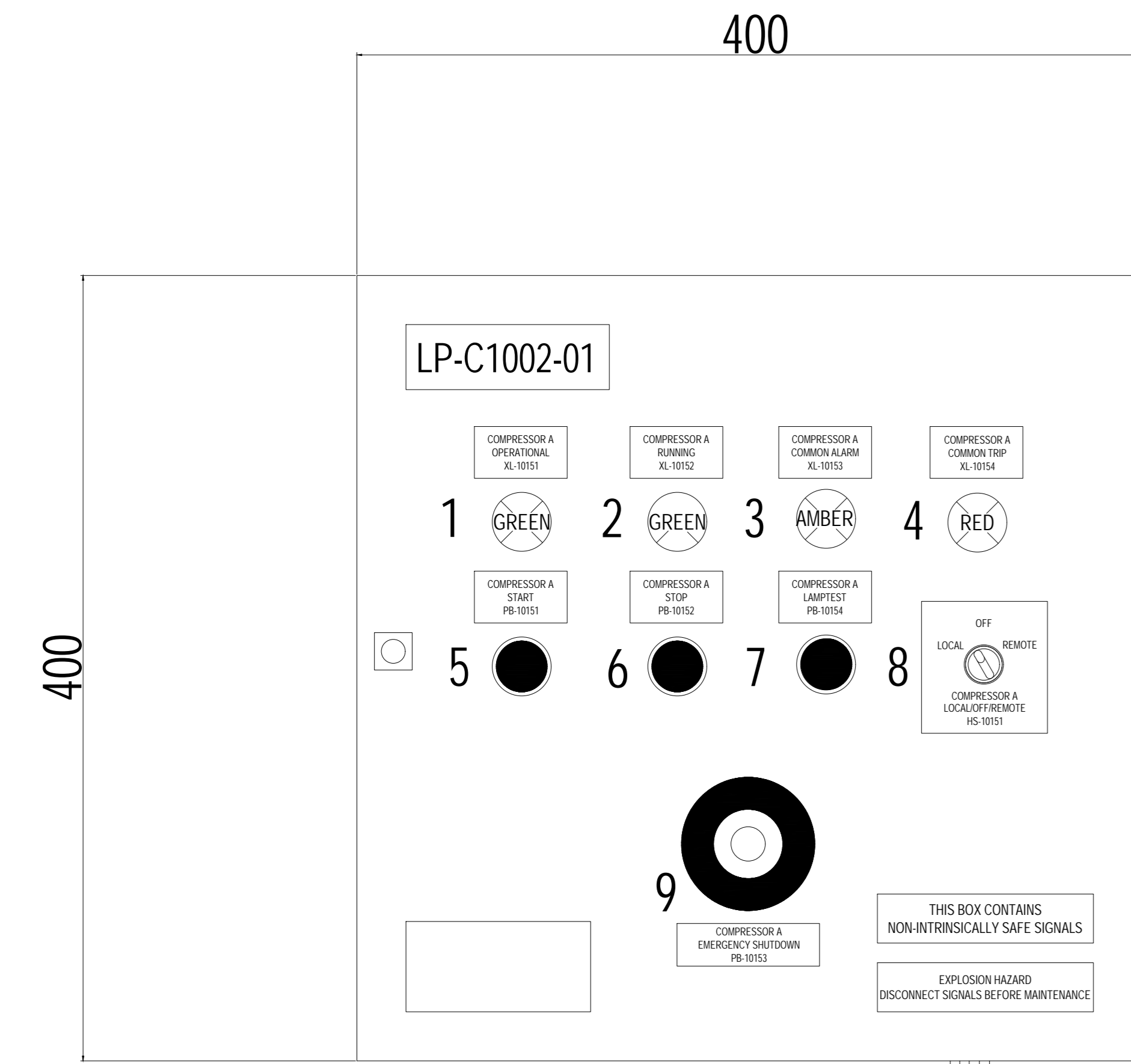
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52-98/445	XX	A0	1	P					
DOCUMENT NO.	PROJECT	AREA	PHASE	MRO No.	DIS.	DOC.	SEQ.	SHEET	REV. NO.
OWNER DOC. NO.: BU-20-VD-303-IN-DWG-0039								5 OF 6	06

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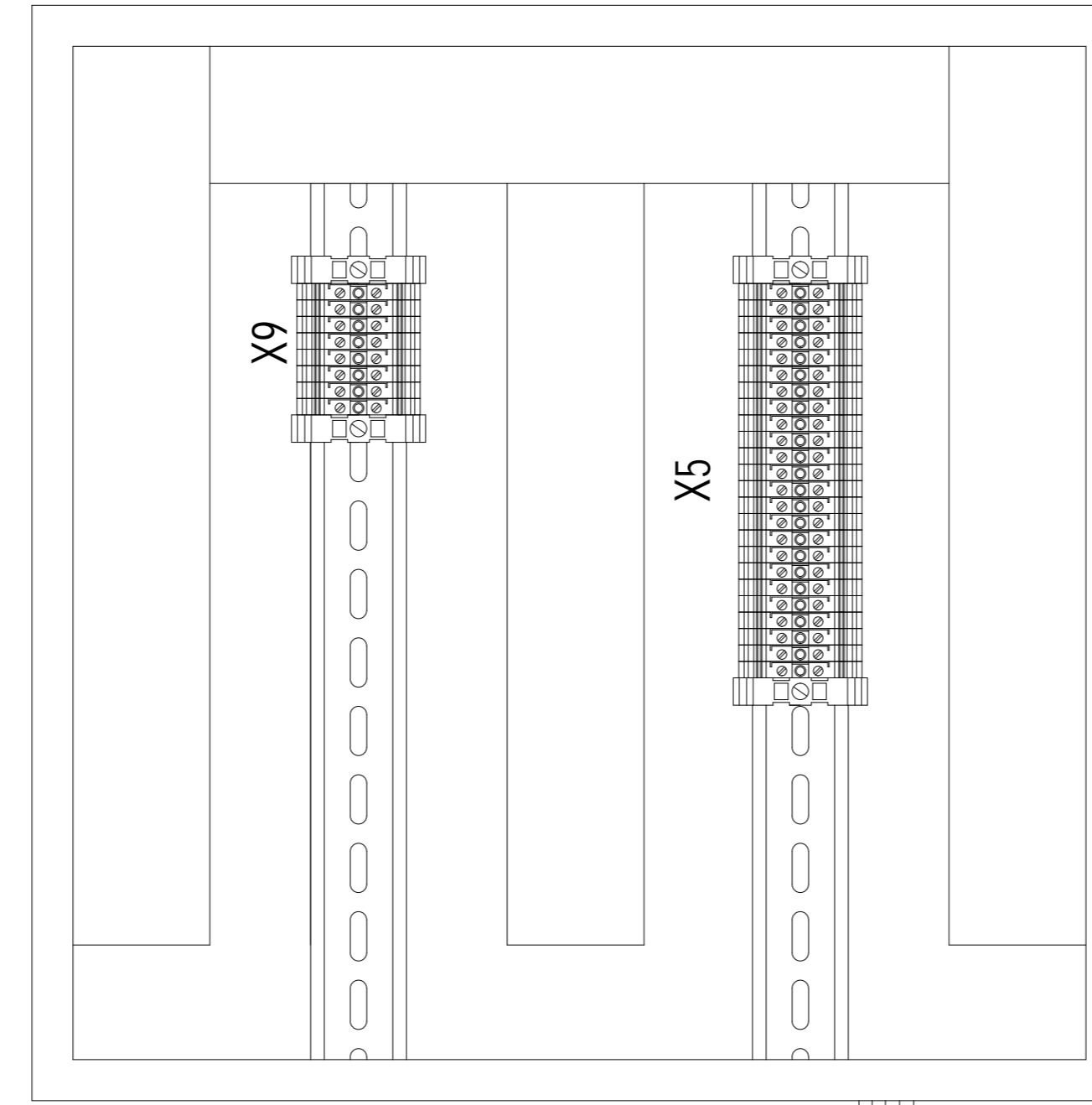
LP-C1002-01

FRONT SIDE (OUTSIDE) VIEW



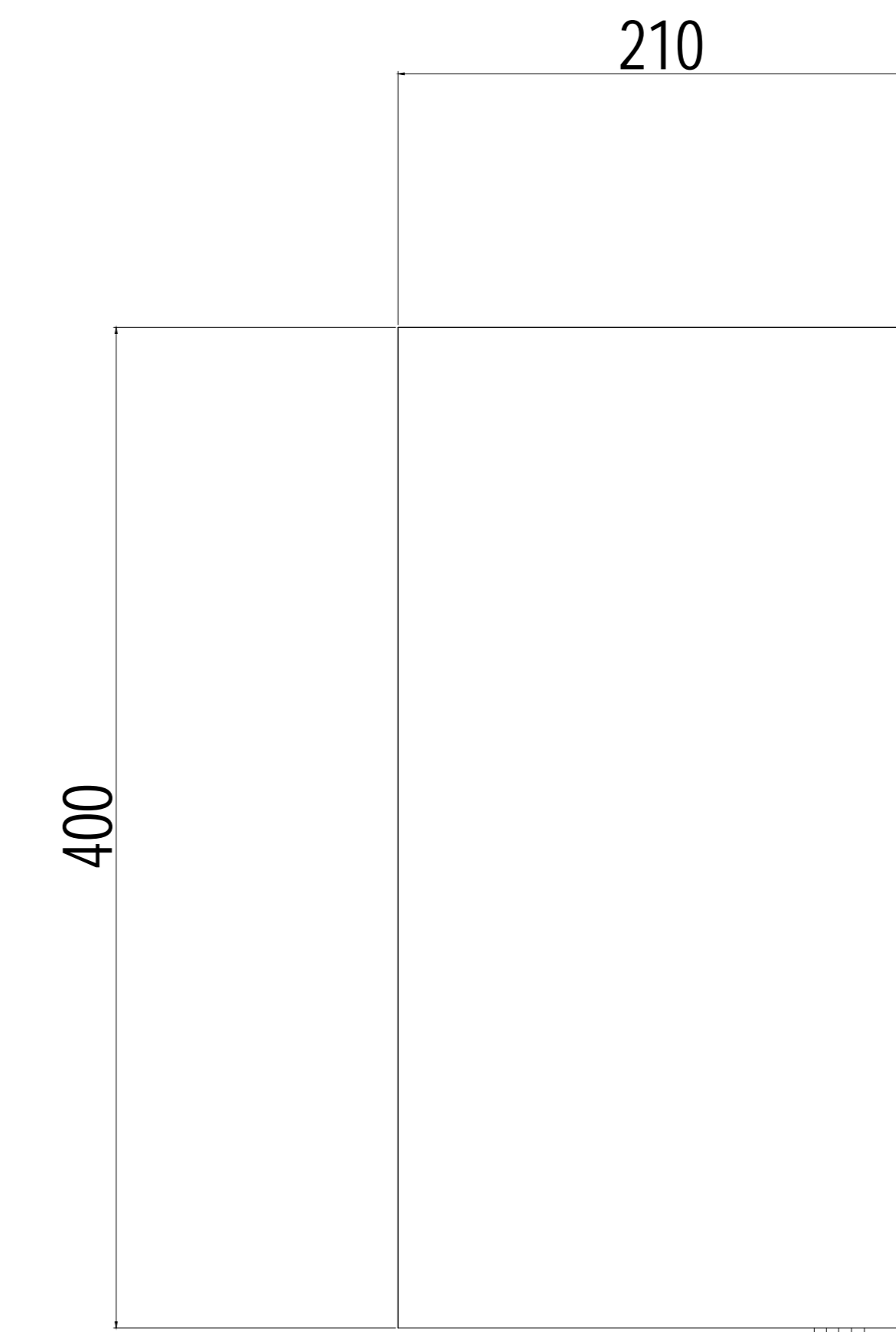
EARTHING BOSS M10

FRONT SIDE (INSIDE) VIEW



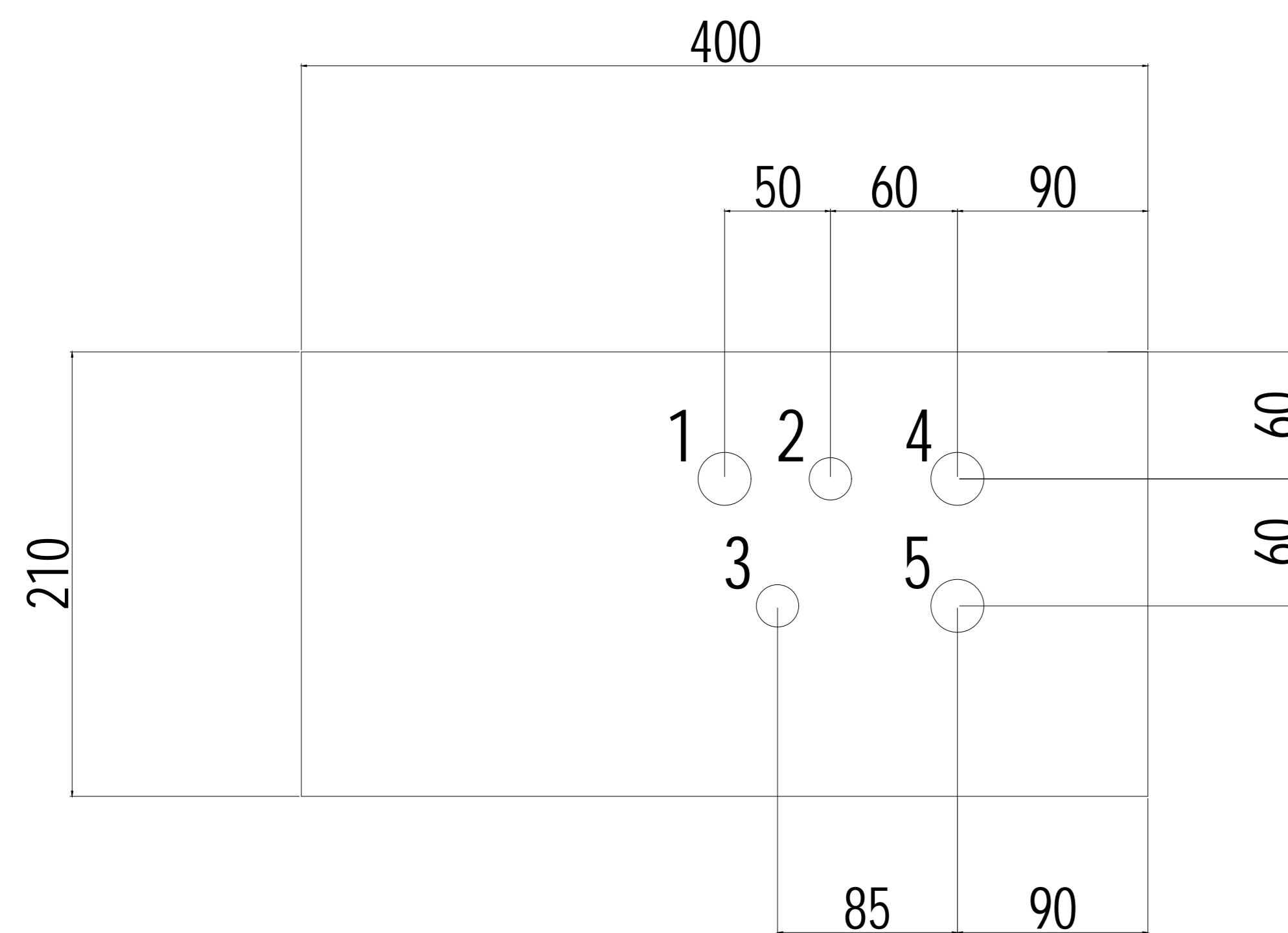
EARTHING BOSS M10

SIDE (OUTSIDE) VIEW



EARTHING BOSS M10

BOTTOM VIEW

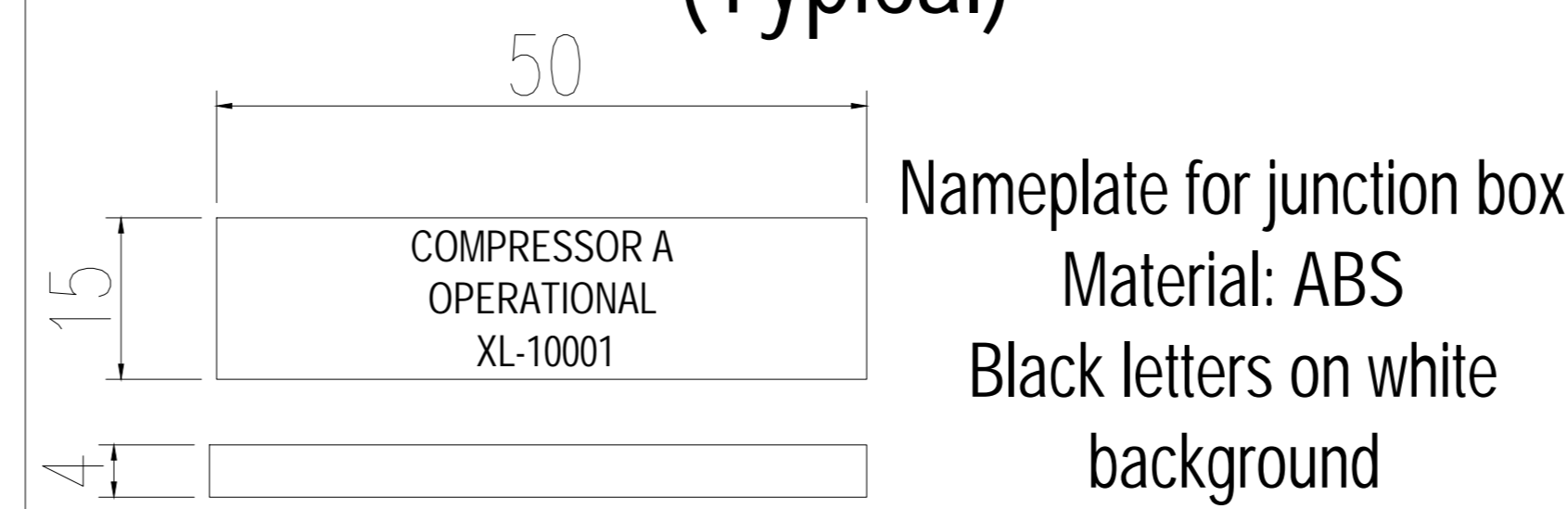


- 1 = ESD multicore cable - M25
- 2 = Spare plug - M20
- 3 = Breather / Drain - M20
- 4 = Pushbutton / Lamps multicore cable - M25
- 5 = Spare plug - M25

GLAND ENTRY DETAILS

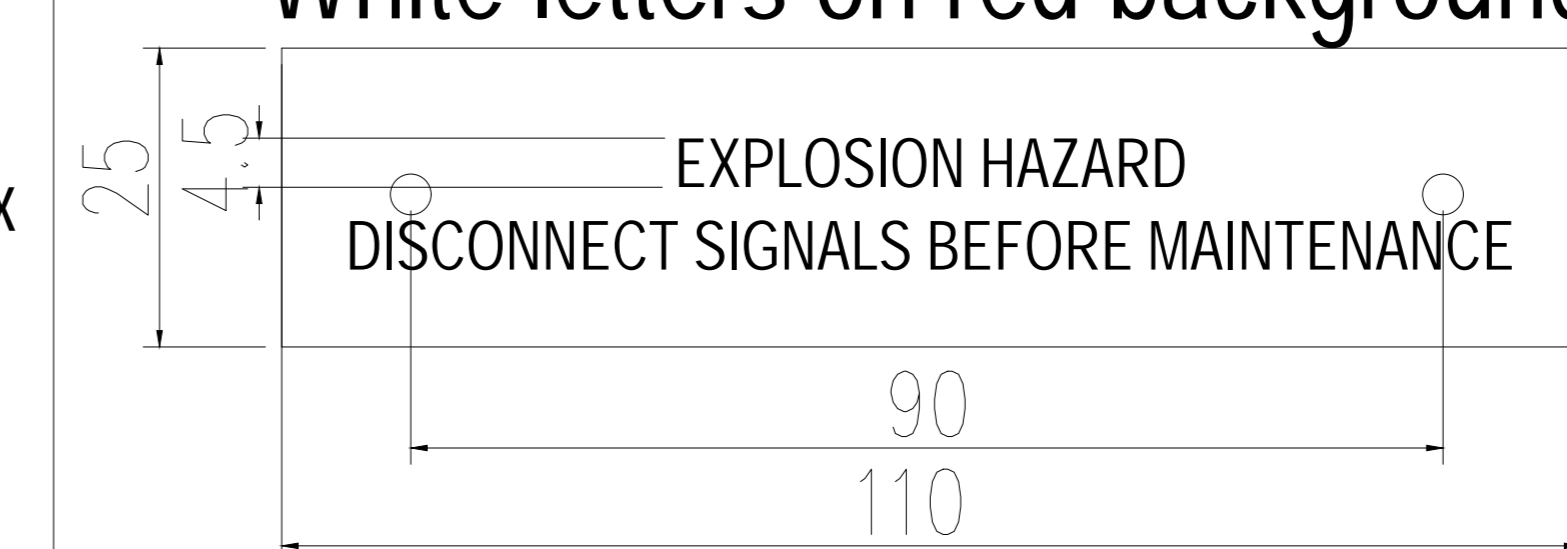
- M20: 1x (Breather)
- M20: 1x
- M25: 3x

Nameplate for components on JB door (Typical)



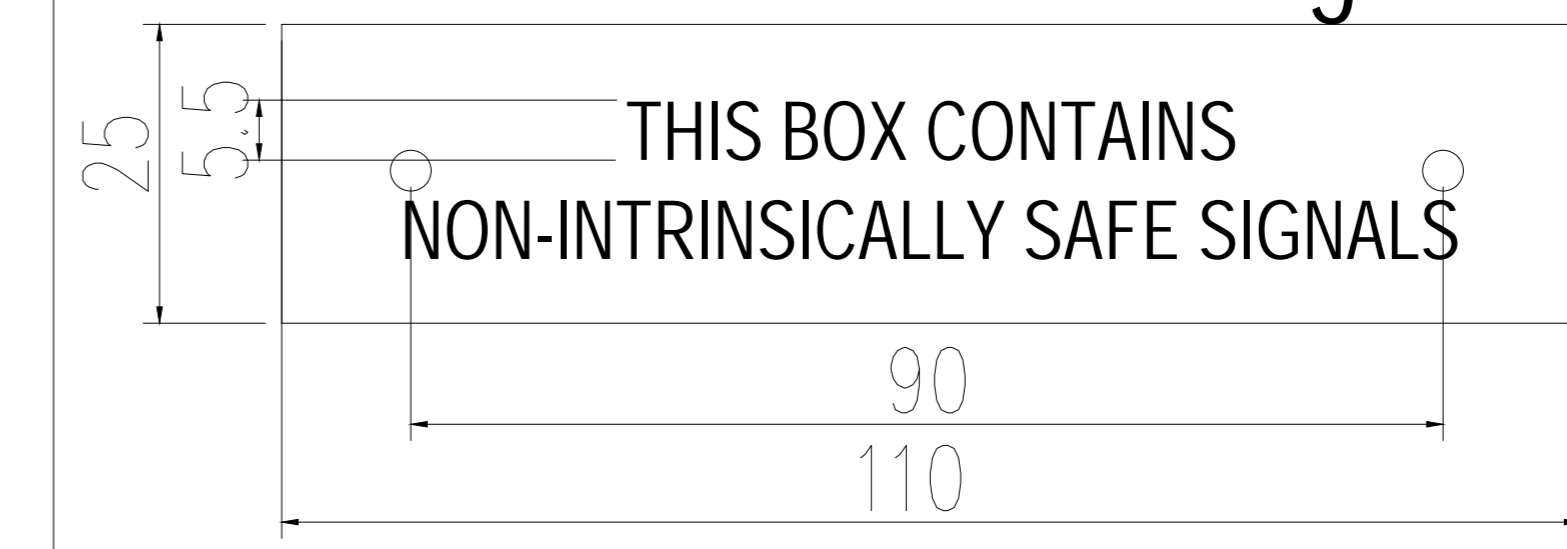
Nameplate for junction box
Material: ABS
Black letters on white background

Nameplate for junction box, ABS
White letters on red background

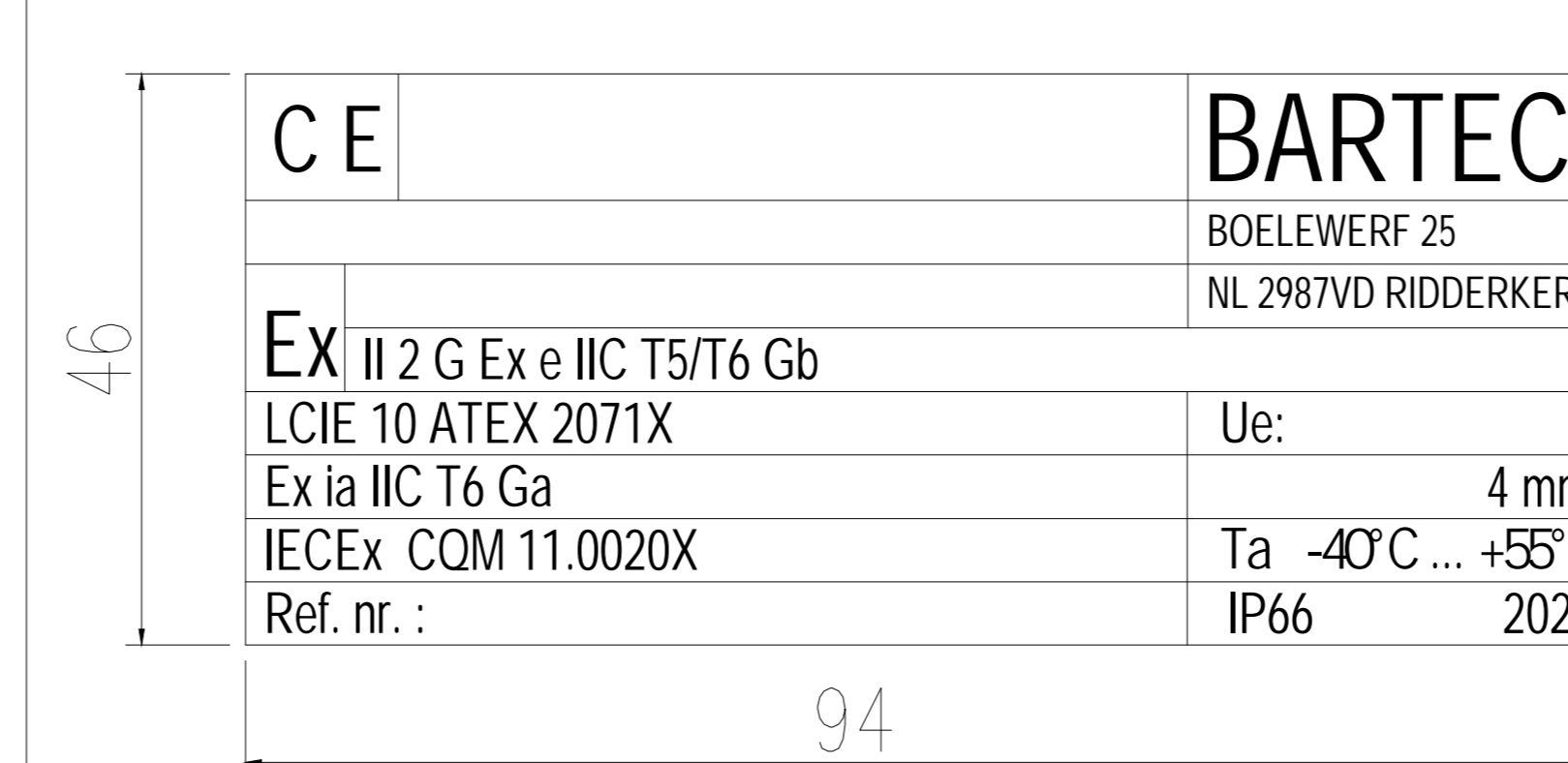


Terminal strip: X5 & X9
Make: Weidmuller
Qty: 24 & 8

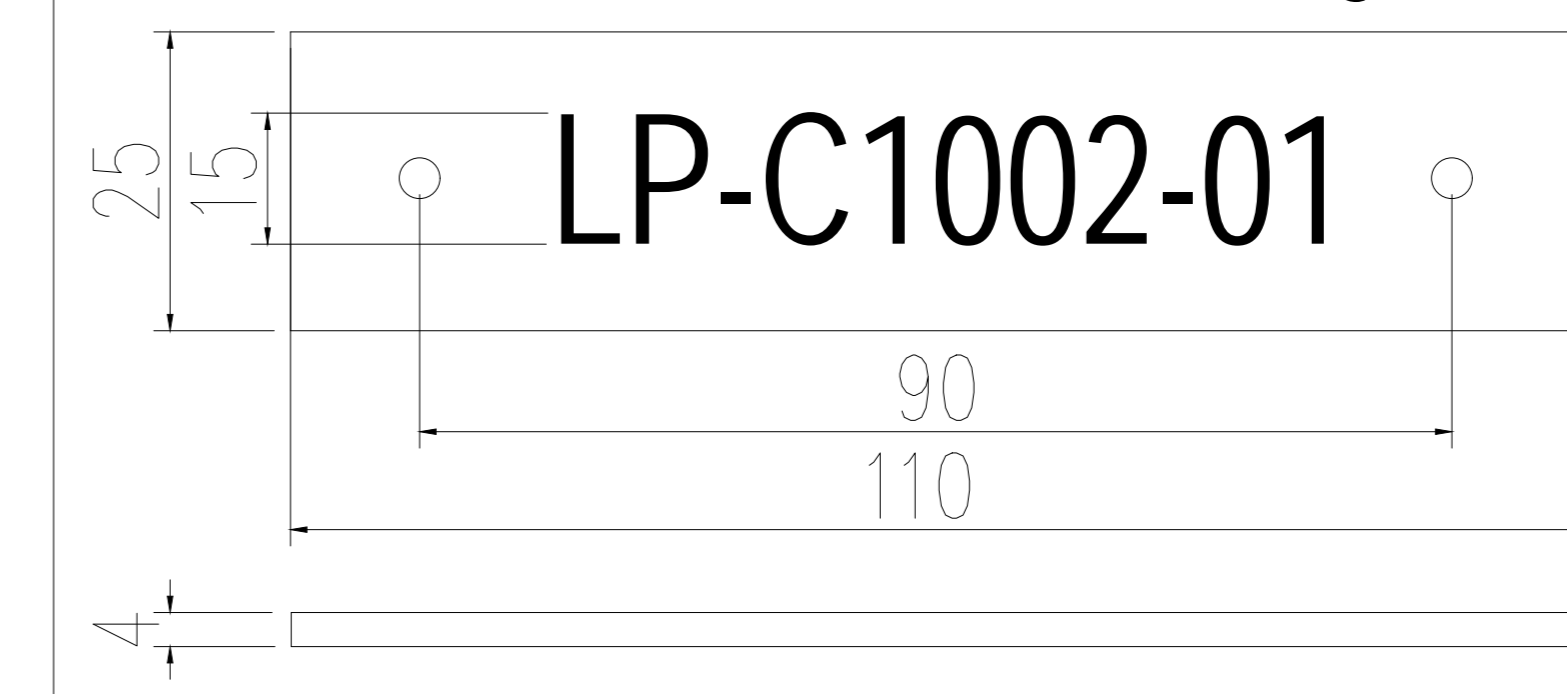
Nameplate for junction box, ABS
White letters on red background



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

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01	28/10/20	For approval	HT	RB	RB	I

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80-20-VD-303-IN-DWG-0039	BU-20-VD-303-IN-DWG-0039				6 OF 6	06

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