











OWNER:  شرکت ست و سوبی توپد ایرانیاان (سهایی نامی)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	LV DISTRIBUTION PANEL DRAWING FOR EMERGENCY INSTRUMENT AIR COMPRESSOR						 Netherlands		
MC :  شرکت ست و سوبی توپد ایرانیاان (سهایی نامی)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No: 52-98/445	
Owner Document Number: 17811-57B	BU	20	VD	303	EL	DWG	0059	Rev.:	Page
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LV DISTRIBUTION PANEL DRAWING FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

 شرکت ست و سوبی توپد ایرانیاان  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT	
Document Review			
Issue Purpose:	AFC		
Result Code: AP,AN,CM,RE,NC	AP		
Next Status : IFC,IFA,IFI,AFC,AB	AB		
Responsible Department	MECHANICAL		
Commented Date	Sep/18/2022		
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.			

02	05/09/2022	Approved for Construction	BK	KP	JR	
01	28/07/2022	For approval	BK	RB	KP	
00	21/10/2021	For approval	HT	RB	KP	
Rev.	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P

OWNER:  شرکت سست توسعه ایرانیان (سامی تاسیس)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	LV DISTRIBUTION PANEL DRAWING FOR EMERGENCY INSTRUMENT AIR COMPRESSOR						 Netherlands		
MC :  شرکت سست توسعه ایرانیان (سامی تاسیس)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No: 52-98/445	
Owner Document Number: 17811-57B	BU	20	VD	303	EL	DWG	0059	Rev.:	Page
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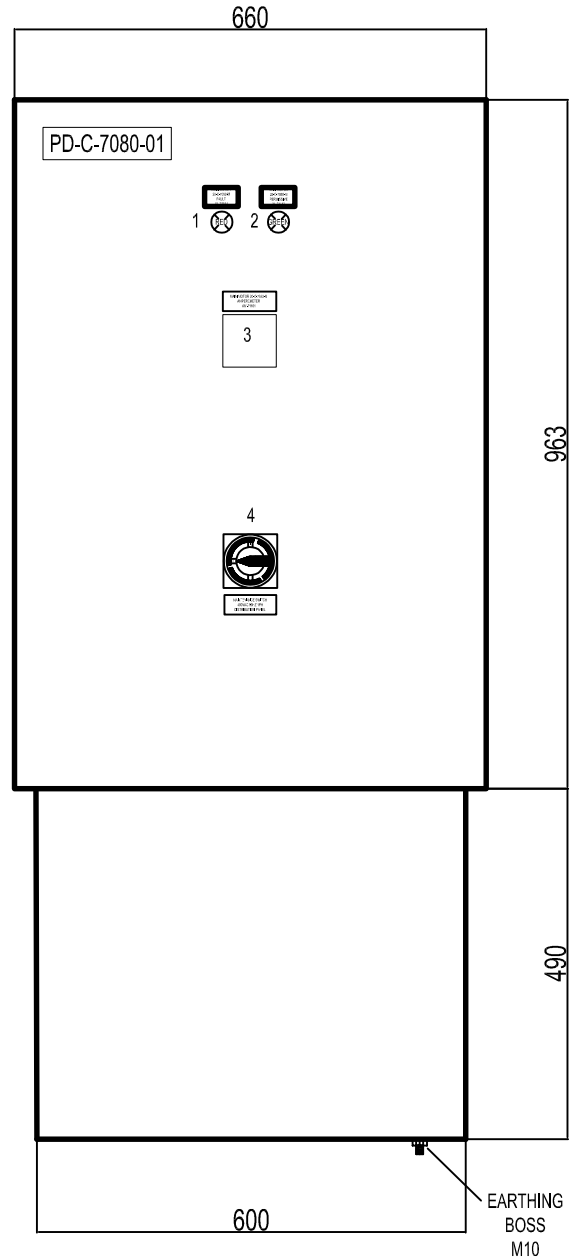
TABULATION OF REVISED PAGES

Page	D00	D01	D02	D03	D04
1.	X	X	X		
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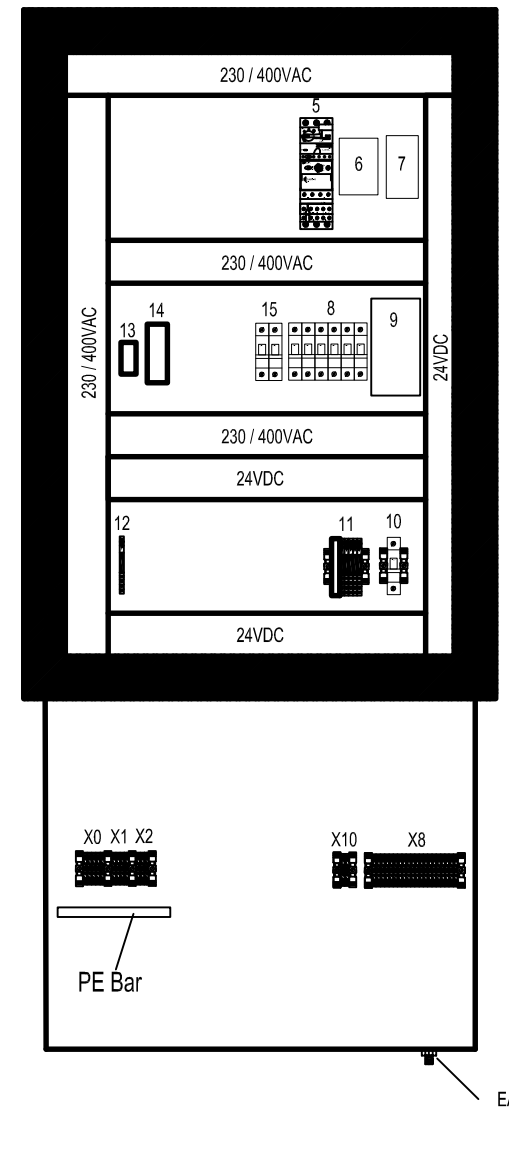
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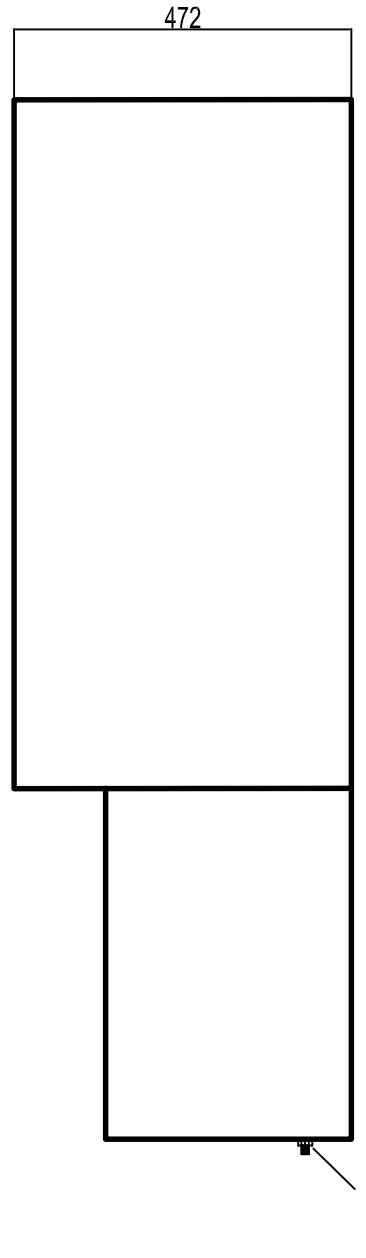
FRONT SIDE (OUTSIDE) VIEW



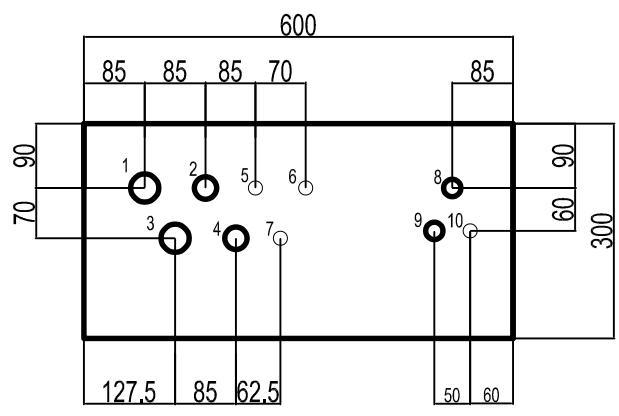
FRONT SIDE (INSIDE) VIEW



SIDE (OUTSIDE) VIEW



BOTTOM VIEW



GLAND ENTRY DETAILS

- M20: 3x
- M20: 1x (Breather)
- M25: 2x
- M32: 2x
- M40: 2x

- 1 = Incoming power cable from customer - M40
- 2 = Outgoing power cable main motor - M32
- 3 = Spare plug - M40
- 4 = Spare plug - M32
- 5 = Outgoing power cable oil heater - M20
- 6 = PT100 cable - M20
- 7 = Spare plug - M20
- 8 = Multicore cable to / from UCP - M25
- 9 = Spare plug - M25
- 10 = Breather / Drain - M20

GENERAL NOTES

1. Panel material: Coper free cast aluminum.
2. Ingress protection: IP-65
3. Panel dimensions: 1453x660x742 mm
4. Area classification: Eex 'd' (RAL 7035)
5. All spare holes are plugged with certified plugs

REFERENCE DRAWINGS	DWG.No.
BU-20-VD-303-IN-DIG-0093	17811-05B
UCP/LCP/JB WIRING DIAGRAM FOR EMERGENCY INSTRUMENT AIR COMPRESSOR	
BU-20-VD-303-IN-DIG-0097	17811-049B
SINGLE LINE DIAGRAM FOR POWER DISTRIBUTION PANEL FOR EMERGENCY INSTRUMENT AIR COMPRESSOR	

REV.	DATE	PURPOSE OF ISSUE (P.O.I.)	PREP.	CHKD.	APPR.	AC.
02	30/08/22	For for construction	HT	BK	BK	-
01	27/07/22	For approval	HT	BK	BK	-
00	20/10/21	For approval	HT	RB	RB	-

OWNER:

MC:

CONTRACTOR:

PROJECT: **BUSHEHR PETROCHEMICAL COMPANY MEG PLANT**

DRAWING TITLE: **17811-57B**

LV DISTRIBUTION PANEL DRAWING 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.	DOC.	SEQ.	SHEET	REV. NO.
OWNER DOC. NO.: BU-20-VD-303-IN-DIG-0093	BU	20	VD	303	EL.	DWG	0059	2 OF 2	02