










OWNER:  شرکت سست و سویی ژنر ایرانیان (سهامی خاص)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	<b>SINGLE LINE DIAGRAM FOR POWER DISTRIBUTION PANEL FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>						 Netherlands		
MC :  شرکت سست و سویی ژنر ایرانیان (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: <b>17811-49B</b>	BU	20	VD	303	EL	DIG	0097	Rev.:	Page
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## SINGLE LINE DIAGRAM FOR POWER DISTRIBUTION PANEL FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

 شرکت سست و سویی ژنر ایرانیان (سهامی خاص)	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>
<b>Document Review</b>		
Issue Purpose:	IFA	
Result Code: AP,AN,CM,RE,NC	CM	
Next Status : IFC,IFA,IFI,AFC,AB	IFA	
Responsible Department	MECHANICAL	
Commented Date	4/5/2022	
<b>Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.</b>		

03	21/03/2022	For approval	AS	RB	KP	
02	10/01/2022	For approval	HT	RB	KP	
01	19/10/2021	For approval	HT	RB	KP	
00	02/07/2021	For approval	HT	RB	KP	
<b>Rev.</b>	<b>Date</b>	<b>Purpose of Issue</b>	<b>Prepared</b>	<b>Checked</b>	<b>Approved</b>	<b>AC Code</b>
					Class: 1	Phase: P

<b>OWNER:</b>  شرکت سست و سوس آوس ایرانان (سای فاس)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>						<b>EPC CONTRACTOR:</b> 		
	<b>SINGLE LINE DIAGRAM FOR POWER DISTRIBUTION PANEL FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>								
<b>MC :</b>  شرکت سست و سوس آوس ایرانان (سای فاس)	<b>Project</b>	<b>Area</b>	<b>Phase</b>	<b>Unit</b>	<b>Dis.</b>	<b>Doc.</b>	<b>Seq.</b>	<b>Contract No : 52-98/445</b>	
<b>Owner Document Number: 17811-49B</b>	<b>BU</b>	<b>20</b>	<b>VD</b>	<b>303</b>	<b>EL</b>	<b>DIG</b>	<b>0097</b>	<b>Rev.:</b>	<b>Page</b>
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SINGLE LINE DIAGRAM

**EL:**  
**SWB3A-03**

From: SWB3B-03 (0.4KV)  
Cable no: EBP-20-C-1002-M  
Cable Type and Size: CU/XLPE/SWA/PVC 3.5\*150mm<sup>2</sup>  
Gland: EX-IP65 E/M63

UPS-1  
POWER SUPPLY  
110VAC 50 HZ  
3X2.5 mm<sup>2</sup>

UPS-2  
POWER SUPPLY  
110VAC 50 HZ  
3X2.5 mm<sup>2</sup>

NON-UPS  
POWER SUPPLY  
230VAC 50 HZ  
3X2.5 mm<sup>2</sup>

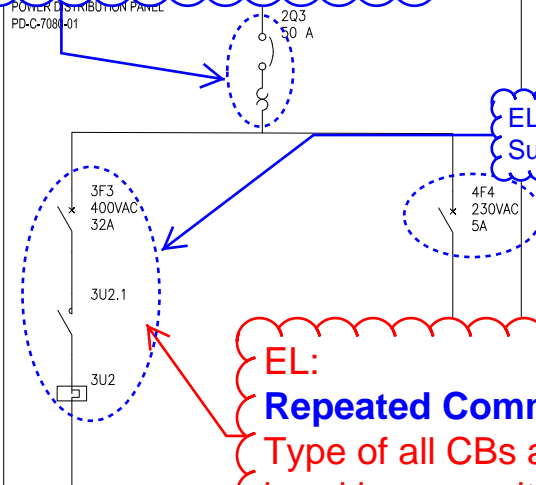
**EL:**  
According to Cable List, it shall be **M40**.

**EL:**  
According to Cable List, it shall be **3.5x50 mm<sup>2</sup>**.

**EL:**  
All symbols shall be described in **legend**.  
Moreover, using MCB for incoming is not suitable due to range of current.

POWER DISTRIBUTION PANEL  
PD-C-7080-01

UNIT CONTROL PANEL  
UCP-C7080-01



**EL:**  
Suitable sizing of CBs for internal wiring is in vendor responsibility.

**EL:**  
**Repeated Comment:**  
Type of all CBs and related information such as rated current, breaking capacity and ... shall be added.

COMPRESSOR B  
MAIN MOTOR  
20C-7080-M

OIL HEATER  
LG-71101  
150W

**EL:**  
Add **rated power** of this item.  
Add **Cable Size** of this item.

**EL:**  
Add **Cable Size** of this item.

	SUBJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT EMERGENCY INSTRUMENT AIR COMPRESSOR	DATE	19-10-2021	THIS DRAWING IS OWNED BY AIRPACK AND SHALL NOT BE PRINTED OR COPIED IN ANY OTHER WAY THAN WITH AIRPACKS PERMISSION
	CLIENT	BUSHEHR PETROCHEMICAL COMPANY (BUPC)	DRAWN BY	HT	
	CLIENT REF	20-C-7080	CHECKED BY	KP	
	AIRPACK REF	17811	PLANT LOCATION	IRAN	
		DRAWING NO.	17811-49B		
		SHEETNO.	02 / 13		
					REV02 18-03-2022 AS
					REV01 10-01-2022 HT
					REV00 19-10-2021 HT