



LIDCO, Pars SEE Zone, Assaluyeh,
Integrated Methanol and Ammonia
Plant 3000 MTPD MeOH / 900 MTPD NH3 PROJECT



Outline Dimensional Drawings for LCP Panel and Junction Box

Document No. 17735-07

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Airpack B.V. - Air Compressor –

Integrated Methanol and Ammonia Plant

**17735-COM Outline Dimensional Drawings for LCP Panel and
Junction Box (K020)**

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
01	07-12-2023	Issued for Approval	R.T.	S.K.	J.J.

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23						48						73						5						
24						49						74						6						
25						50						75						7						




Nr.	Description	Tag Number	Qty	Make	Order Number
1	Compressor Running Lamp (Green)	3H4	1	Schneider Electric	XB4BVB3
2	Compressor Operatinal Lamp (Green)	3H6	1	Schneider Electric	XB4BVB3
3	Common Alarm Lamp (Amber)	3H8	1	Schneider Electric	XB4BVB5
4	Common Trip Lamp (Red)	3H10	1	Schneider Electric	XB4BVB4
5	Compressor Start Pushbutton (Green)	2S4	1	Schneider Electric	XB4BA31
6	Compressor Stop Pushbutton (Red)	2S6	1	Schneider Electric	XB4BA42
7	Local/Off/Remote Selector Switch	2S8	1	Schneider Electric	XB4BD33
8	Emergency Stop Pushbutton (Red Mushroom Type with Protective Cover)	4S4	1	Schneider Electric	XB5AS8444

Terminal Strip Definition

100TDD8201	Connection Pushbuttons and Lamps	100TDD8201	20	Phoenix Contact	UT 4
400TED8201	Connection ESD Pushbutton	400TED8201	4	Phoenix Contact	UT 4

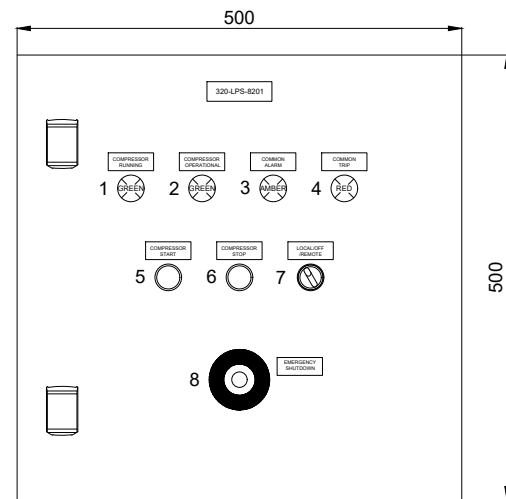
NOTES

- 1) Components subject to change based on availability.
- 2) Tags correspond to tags on wiring diagram.
N-278-VD-6019-IN-DIA-0005-01

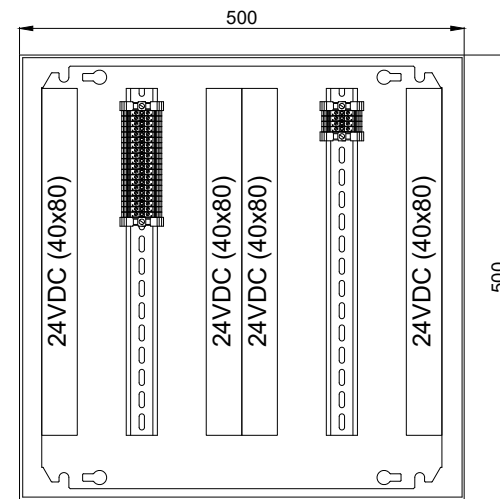
01	29/08/23	ISSUED FOR REVIEW	RT	SK	KP		
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CLIENT: 		CONTRACTOR: 		VENDOR: 			
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PROJECT TITLE: LIDCO, Pars SEE Zone, Assaluyeh Integrated Methanol and Ammonia Plant 3000 MTPD MeOH/900 MTPD NH3 PROJECT							
DRAWING TITLE: Outline Dimensional Drawings for LCP Panel and Junction Box							
DOCUMENT No: 17735-07 Panel Layout Diagram					SC.		
					SIZE: A3		
PROJECT No.	VENDOR DOC.	P.O. No.	DEPARTMENT	DOC. TYPE	SERIAL No.	REV.	SHEET No.
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320-LPS-8201 Local Pushbutton Station

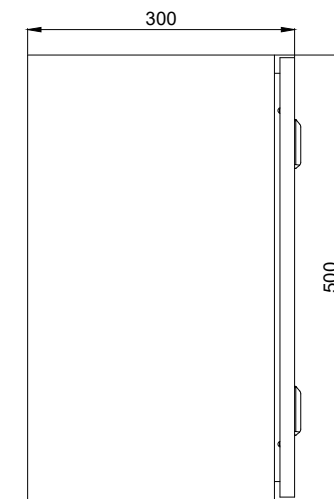
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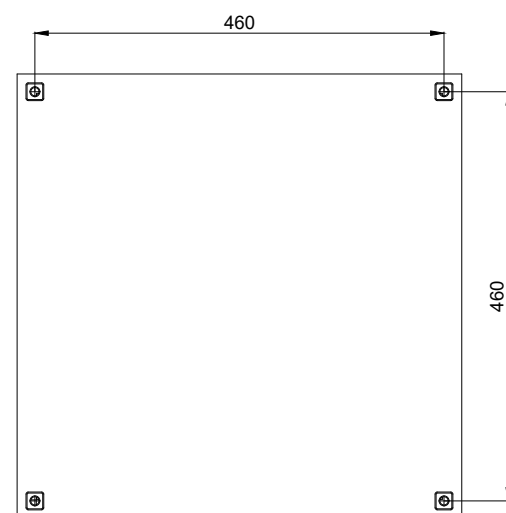
Front Side (Inside View)



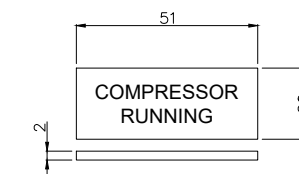
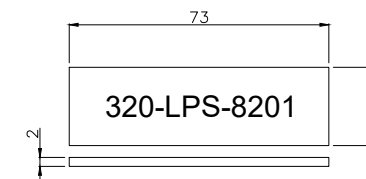
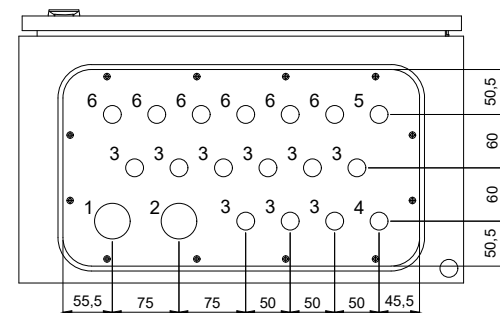
Left Side View



Back View



Bottom View



Gland Entry Details


1. M40 - 1x (Incoming Cable from Customer, Transmitters)
2. M40 - 1x (Spare)
3. M20 - 9x (Transmitters)
4. M20 - 1x (Breather)
5. M20 - 1x (Pressure Control Valve)
6. M20 - 6x (Spares)

NOTES


- 1) Panel dimensions: 500x500x300mm
- 2) Panel material: Painted sheet steel
- 3) Area classification: Safe
- 4) Ingress protection: IP65
- 5) Cable raceways will have 20% spare space
- 6) Panel weight: ~25kg
- 7) Manufacturer: Rittal
- 8) Model Number: 1350000
- 9) DIN Rail type: NS35

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PROJECT TITLE:
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 3000 MTPD MeOH/900 MTPD NH3 PROJECT**






DRAWING TITLE:
Outline Dimensional Drawings for LCP Panel and Junction Box

DOCUMENT No:
17735-07 Panel Layout Diagram

PROJECT No.	VENDOR DOC.	P.O. No.	DEPARTMENT	DOC. TYPE	SERIAL No.	REV.	SHEET No.
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 SIZE: A3

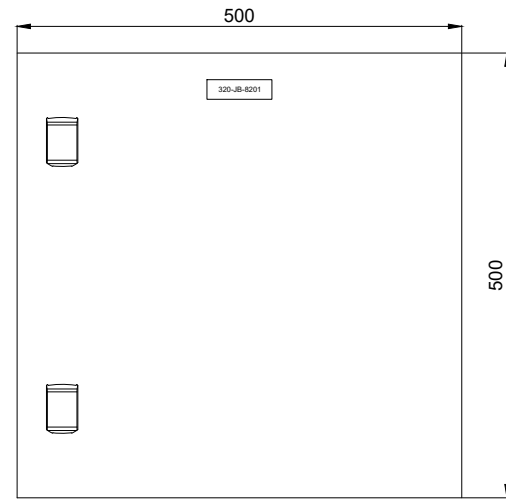
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Terminal Strip Definition					
100TDA8201	Connection Analog Transmitters to Client	100TDA8201	48	Phoenix Contact	UT 4
100TDA8202	Connection Pressure Control Valve to Client	100TDA8202	10	Phoenix Contact	UT 4

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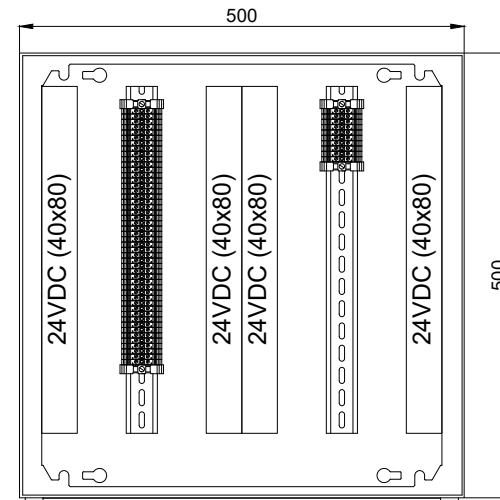
NOTES
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320-JB-8201 Junction Box

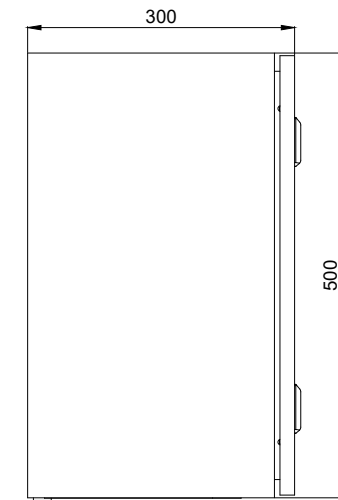
Front Side (Outside View)



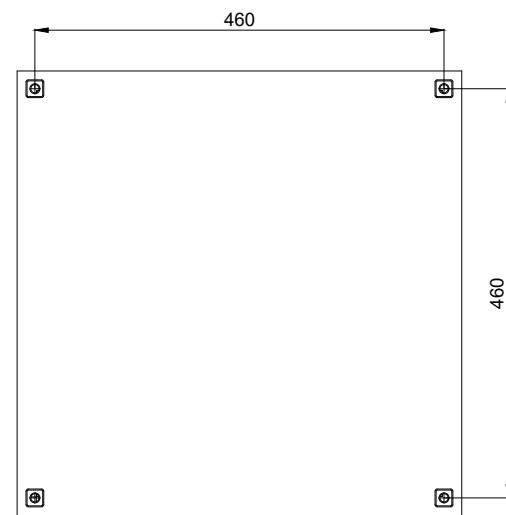
Front Side (Inside View)



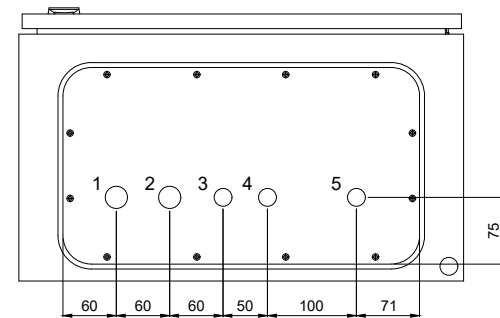
Left Side View



Back View

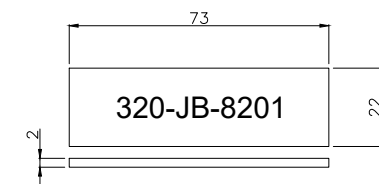


Bottom View






Gland Entry Details

1. M25 - 1x (Incoming Cable from Customer, Pushbuttons and Lamps)
2. M25 - 1x (Spare)
3. M20 - 1x (Incoming Cable from Customer, ESD Pushbutton)
4. M20 - 1x (Spare)
5. M20 - 1x (Breather)



NOTES

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