



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
03	14-02-2024	Issued for Approval	R.T.	S.K.	J.J.
02	21-12-2023	Issued for Approval	R.T.	S.K.	J.J.
01	07-12-2023	Issued for Approval	R.T.	S.K.	J.J.

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1	X	X	X			26						51						76					
2	X	X	X			27						52						77					
3	X	X	X			28						53						78					
4	X	X	X			29						54						79					
5	X	X	X			30						55						80					
6	X	X	X			31						56						81					
7						32						57						82					
8						33						58						83					
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18						43						68						ATTACHMENT					
19						44						69						1					
20						45						70						2					
21						46						71						3					
22						47						72						4					
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/Remote Selector Switch	2S8	1	Schneider Electric	XB4BD21
8	Emergency Stop Pushbutton (Red Mushroom Type with Protective Cover)	4S4	1	Schneider Electric	XB5AS8444

Terminal Strip Definition

300TDD820	Connection Pushbuttons and Lamps	300TDD820	20	Phoenix Contact	UT 4
300TED820	Connection ESD Pushbutton	300TED820	4	Phoenix Contact	UT 4

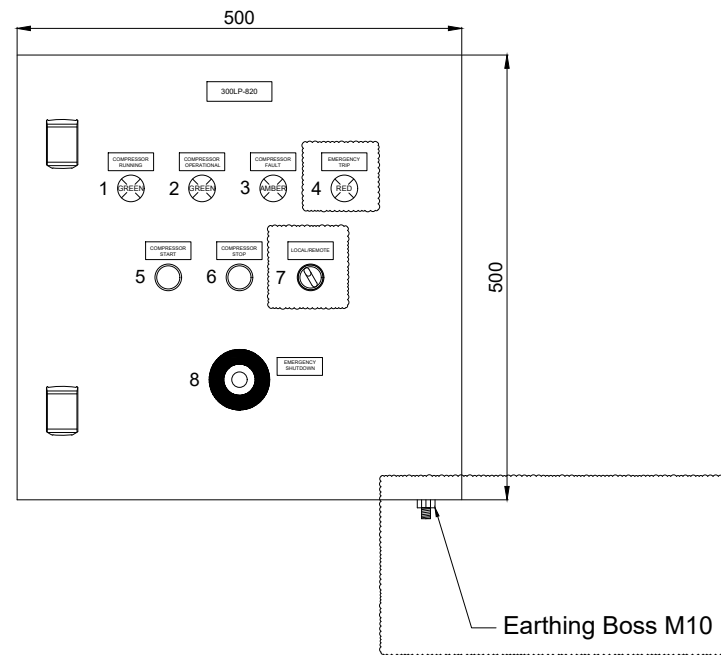
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02	21/12/23	ISSUED FOR REVIEW	RT	SK	KP		
01	07/12/23	ISSUED FOR REVIEW	RT	SK	KP		
REV.	DATE	DESCRIPTION	DRAWN	CHECK	APPROVED		
CLIENT: 		CONTRACTOR: 		VENDOR: 			
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PROJECT TITLE: LIDCO, Pars SEE Zone, 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.
N278	VD	6019	IN	DWG	0007	03	1 OF 4

NOTES

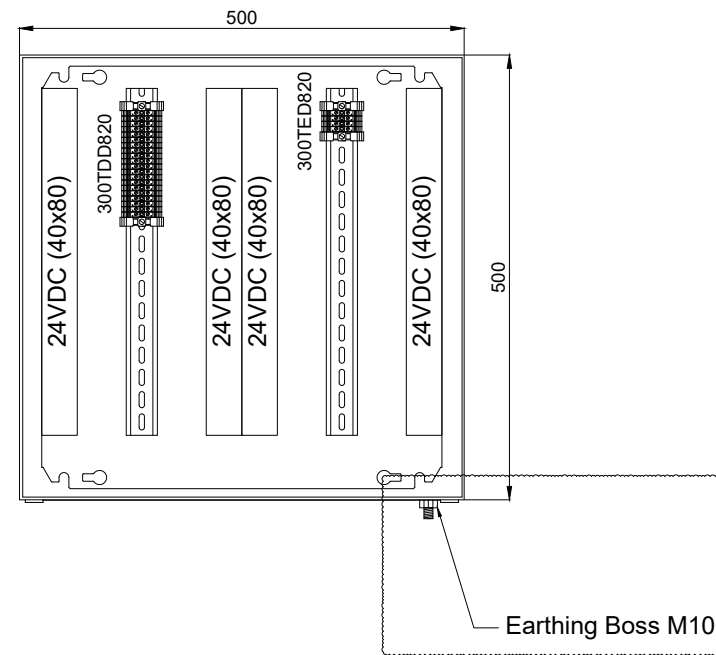
1) Tags correspond to tags on wiring diagram, N-278-VD-6019-IN-DIA-0005-01

300LP-820 Local Pushbutton Station

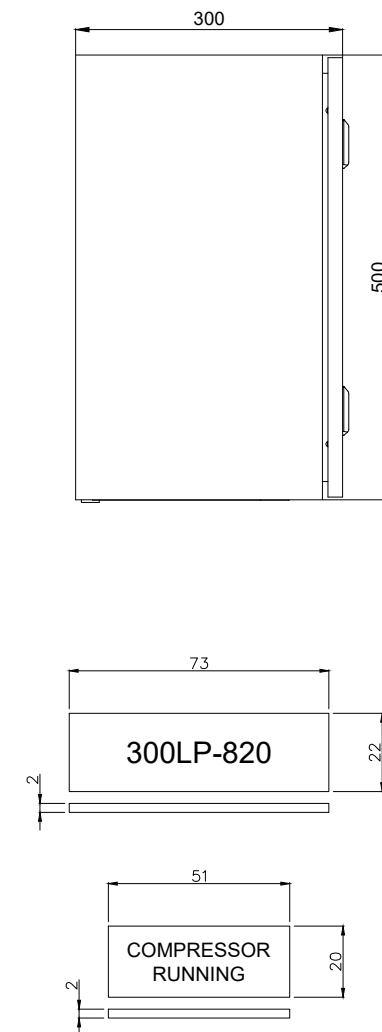
Front Side (Outside View)



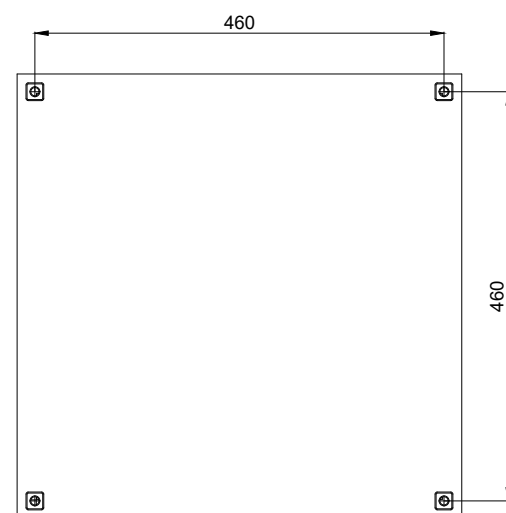
Front Side (Inside View)



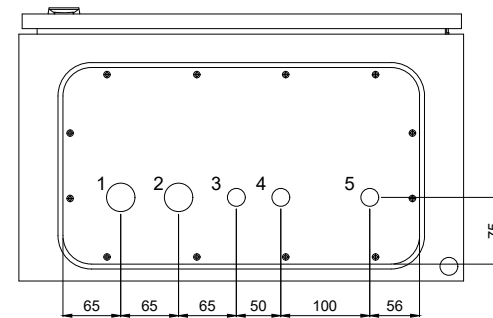
Left Side View



Back View



Bottom View



Gland Entry Details

1. M32 - 1x (Incoming Cable from Customer, Pushbuttons and Lamps)
2. M32 - 1x (Spare)
3. M20 - 1x (Incoming Cable from Customer, ESD Pushbutton)
4. M20 - 1x (Spare)
5. M20 - 1x (Breather)

NOTES

- 1) Panel Dimensions: 500x500x300mm
- 2) Panel Material: Painted Sheet Steel (RAL 7035)
- 3) Panel Thickness: 1.5mm
- 4) Area Classification: Safe
- 5) Ingress Protection: IP65
- 6) Cable Raceways will have 20% spare space.
- 7) Panel Weight: ~25kg
- 8) Manufacturer: Rittal
- 9) Model Number: 1350000
- 10) DIN Rail Type: NS35
- 11) Emergency Shutdown Pushbutton shall have protective cover to avoid inadvertent shutdown.
- 12) Cable glands will CMP Cable Glands, SS316 with shrouds, IP66 rated.

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DRAWING TITLE:	Outline Dimensional Drawings for LCP Panel and Junction Box
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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.
N278	VD	6019	IN	DWG	0007	03	2 OF 4

Nr.	Description	Tag Number	Qty	Make	Order Number
Terminal Strip Definition					
300TDA820	Connection Analog Transmitters to Client	300TDA820	48	Phoenix Contact	UT 4
300TDA821	Connection Pressure Control Valve to Client	300TDA821	10	Phoenix Contact	UT 4

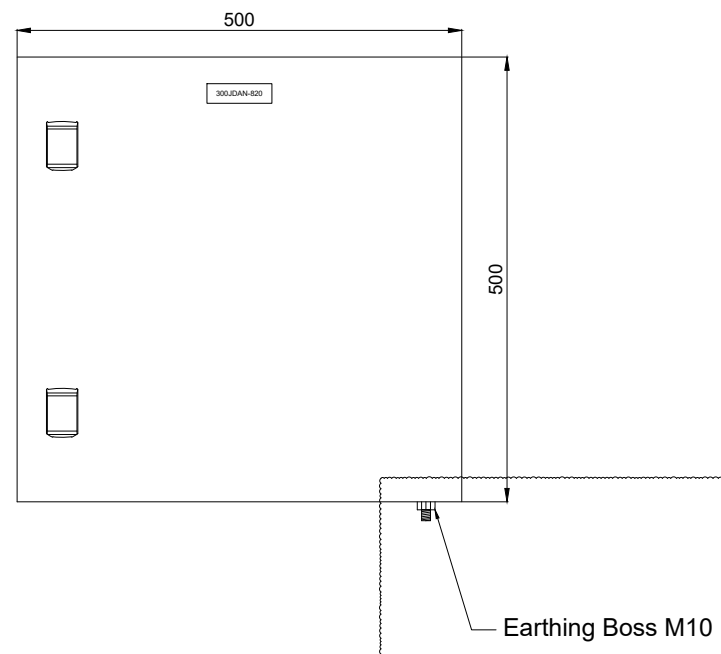
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02	21/12/23	ISSUED FOR REVIEW	RT	SK	KP		
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NOTES

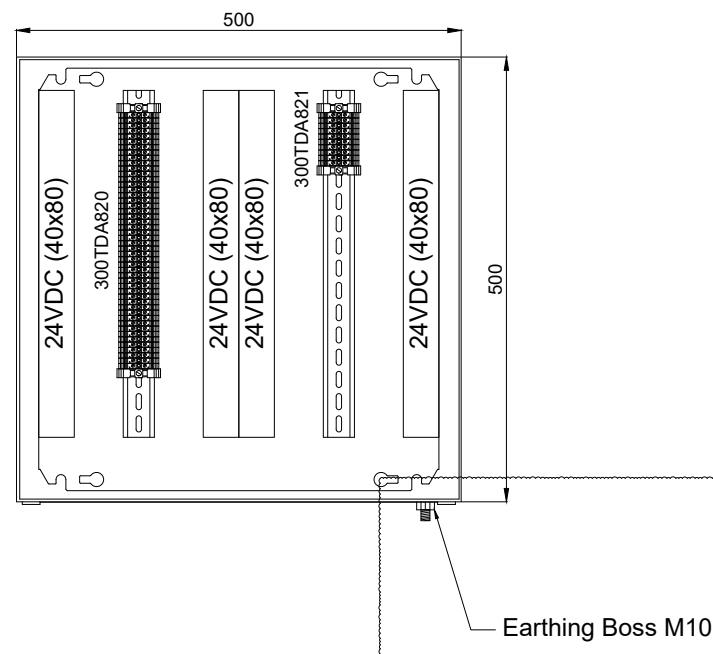
1) Tags correspond to tags on wiring diagram.
N-278-VD-6019-IN-DIA-0005-01

300JDAN-820 Junction Box

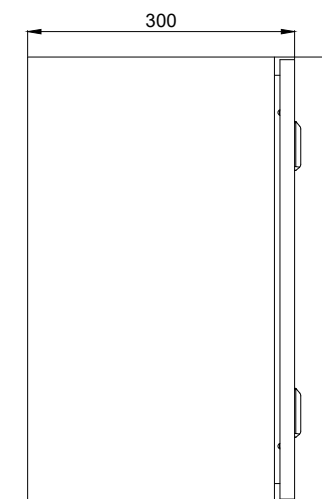
Front Side (Outside View)



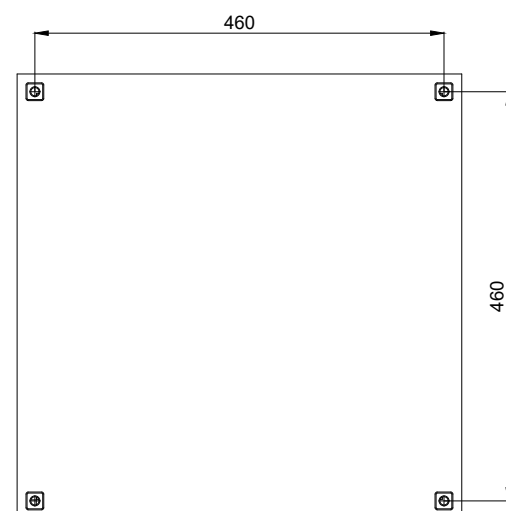
Front Side (Inside View)



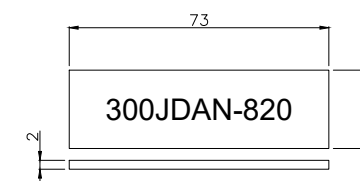
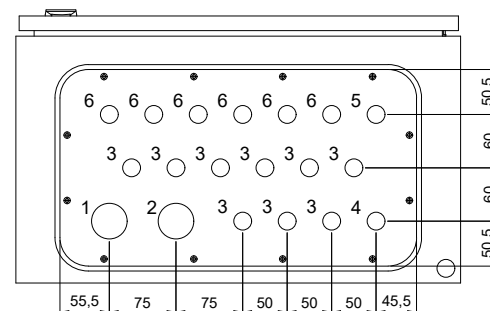
Left Side View



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

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