



## Innovation Wave For Engineering Services

Address Jordan-Amman-Princess Basmah St.-Methaq Tower  
E-mail info@innowave-me.com  
Phone no. +962 7 9109 0333

Customer

Customer name here

Contractor

Contractor name here

Manufacturer (Company)

Innovation Wave For Engineering Services

Project Description

S.K.U.A

Drawing Title

B02-DDC01

Number of pages 15

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Innovation Wave For Engineering Services  


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B02-DDC01  
Cover Page Page 1/15

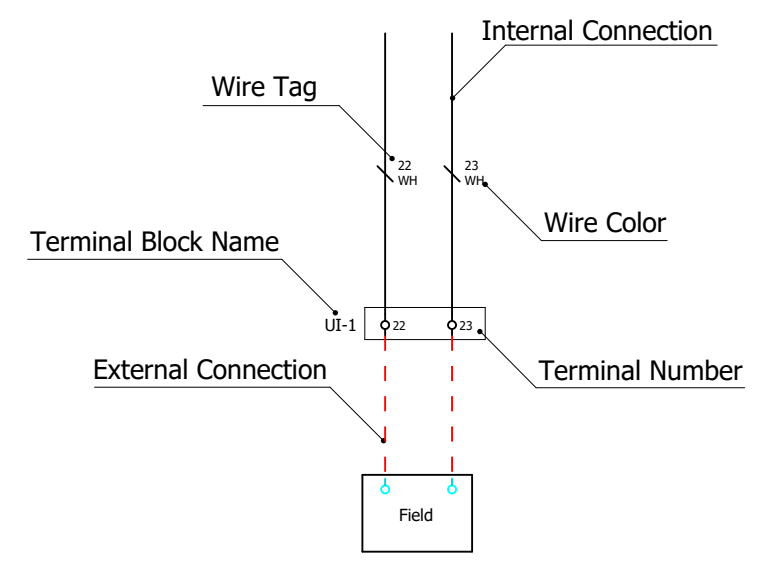




Layout Symbol	Schematic Symbol	Description
		JACE 8000
		iSMA-B-MIX38-UI
		iSMA-B-MIX38-DI
		iSMA-B-MIX38-AO
		iSMA-B-MIX38-DO
		24VDC Power Supply
		Utility Socket
		2 Pole MCB
		1 Pole Fuse Switch
		Feed Through Terminal
		Earth Feed Through Terminal

**+24VDC.1**  
/ 8.G:6

Cross Reference:  
/ X.Y:Z  
X: Page number  
Y: Column number  
Z: Row Number



0  
1  
2  
3  
4  
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6

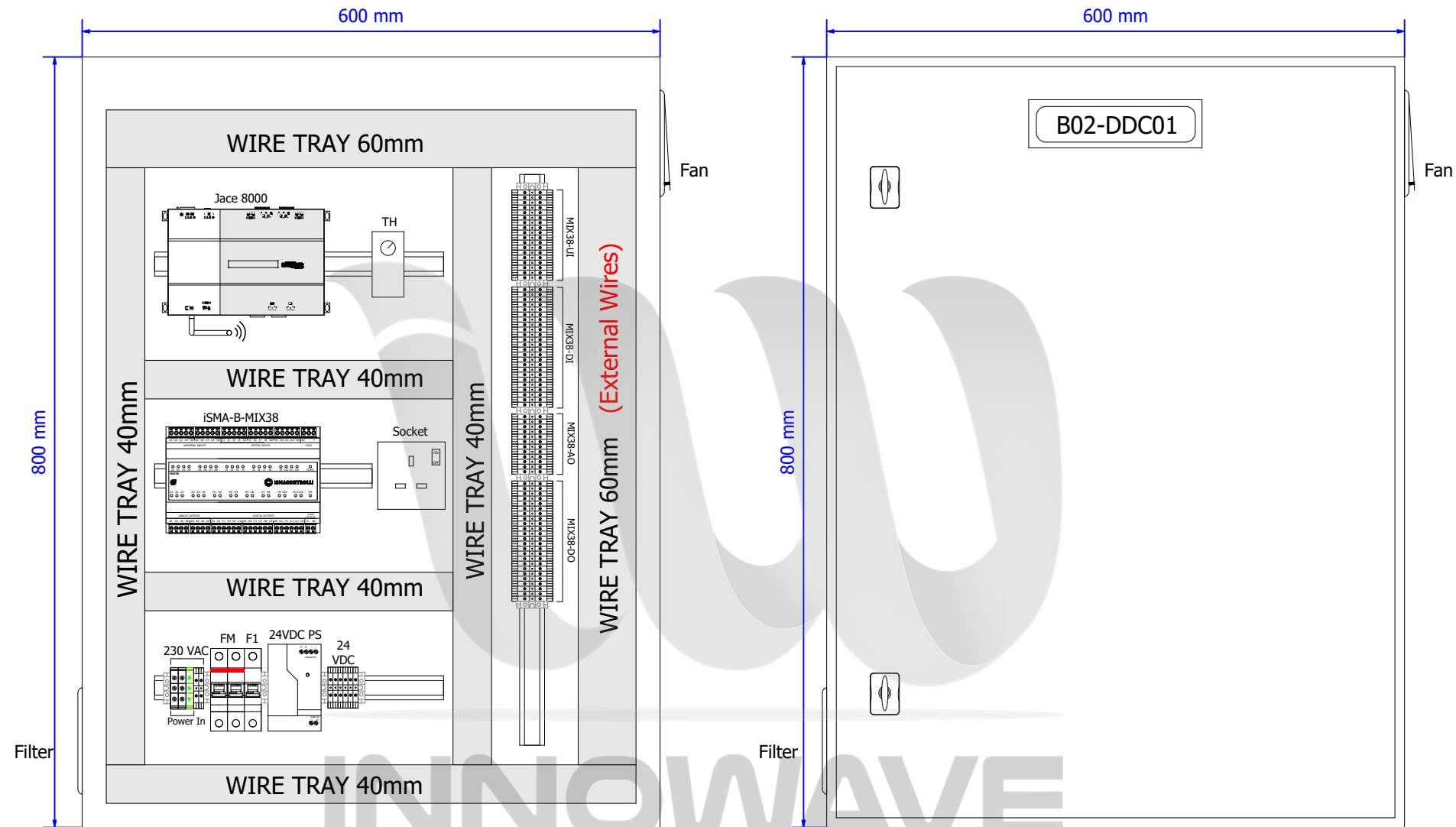
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<b>Company</b>	
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B02-DDC01	Page 4/15
Legend	



Front View (Mounting Plate)

Front View (Door Closed)

Panel Profile	
Dimensions (HxWxD)	(800x600x250)
Protection Degree	IP65
Cable Entry	Top
* All dimensions are in mm.	

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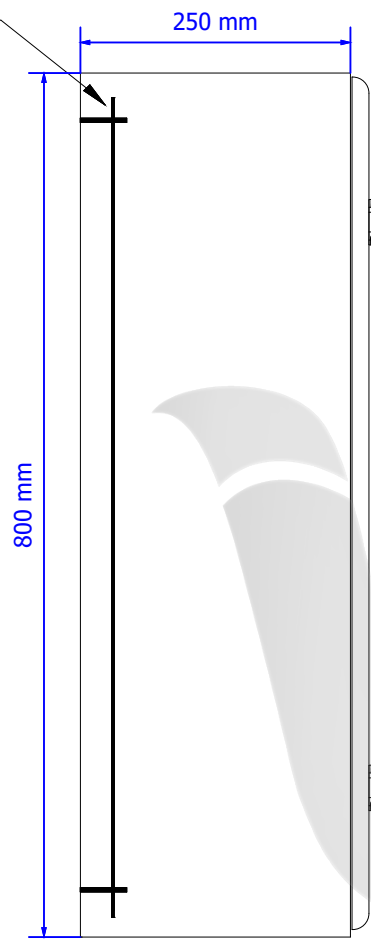
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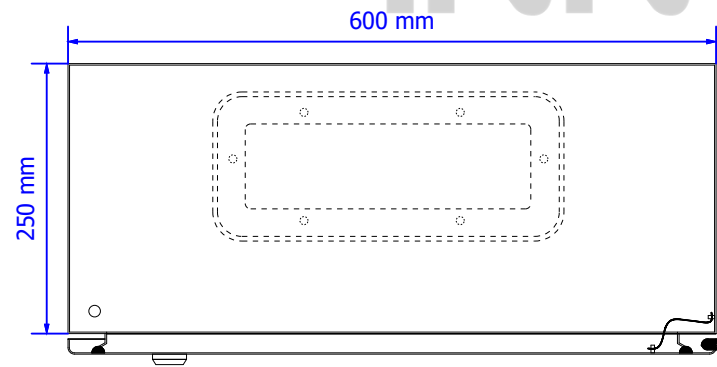

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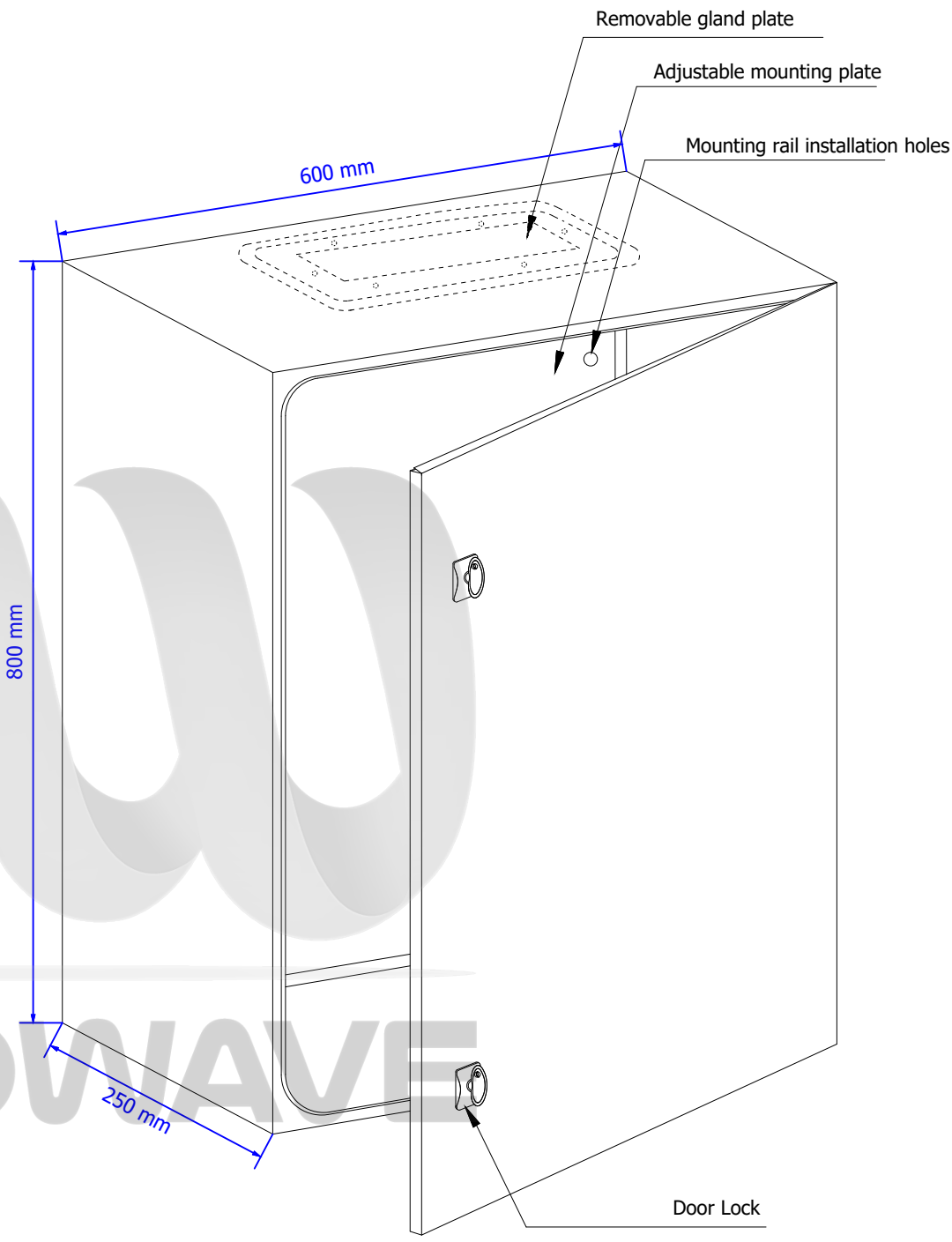
Mounting plate depth adjustable channel applicable from 250mm depth enclosure



Side view



Top view



Isometric view

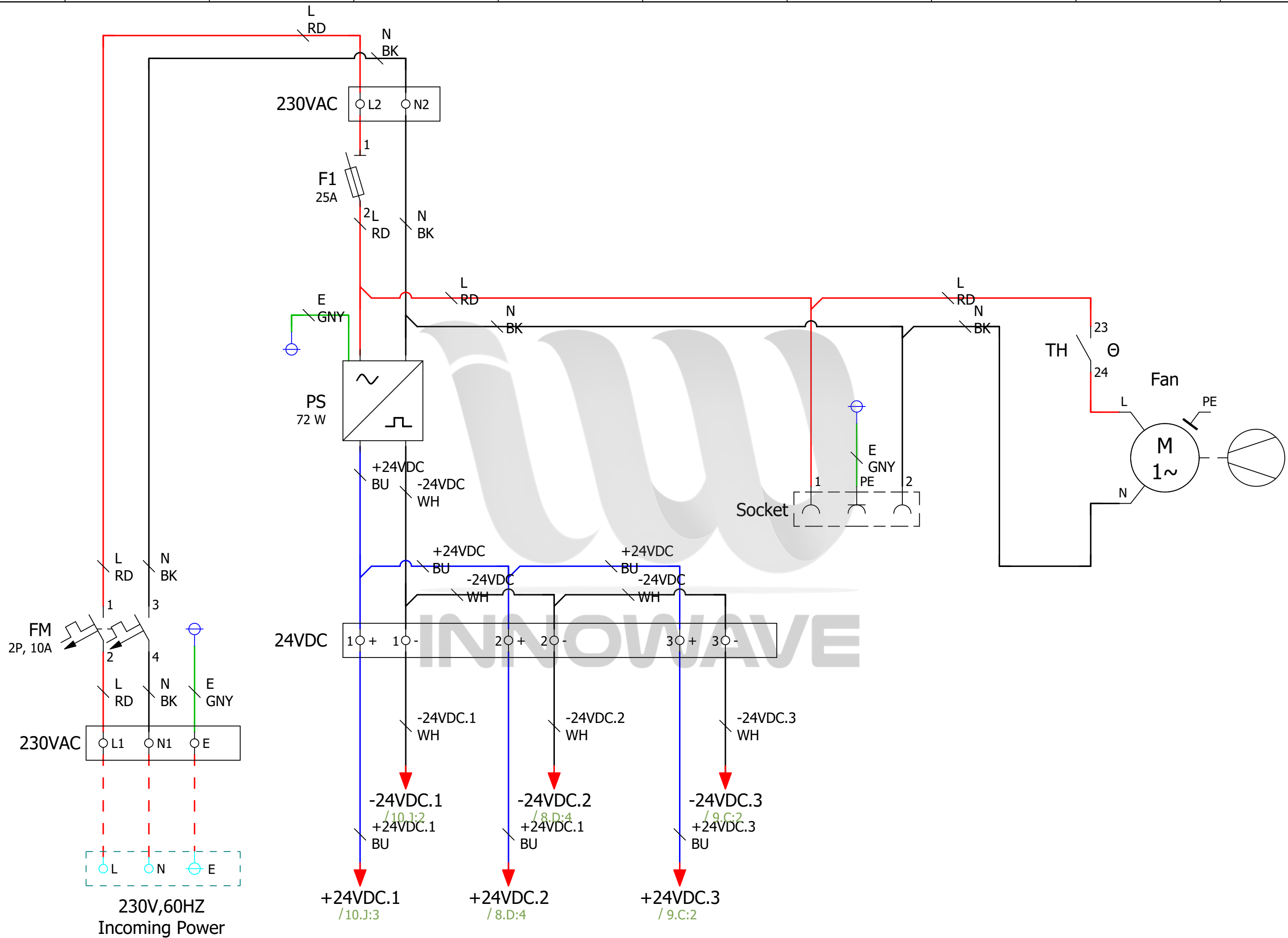
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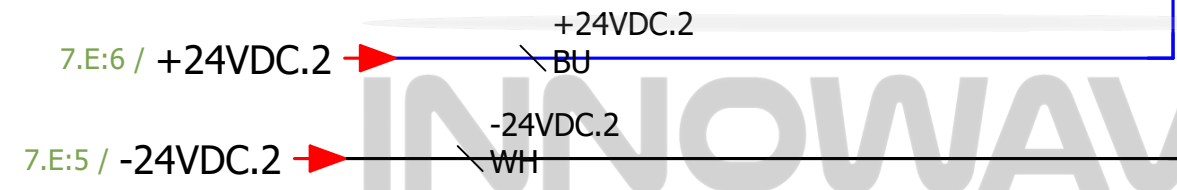
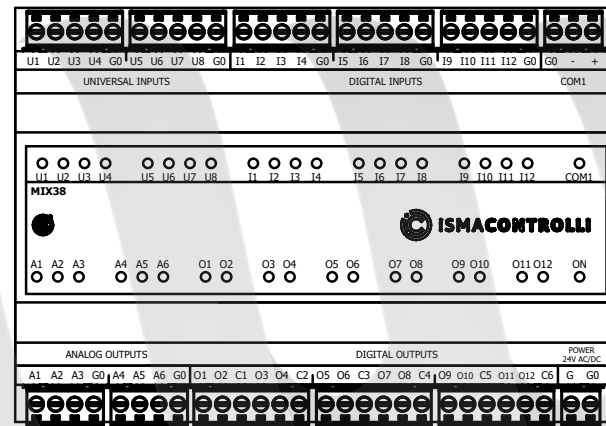
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### iSMA-B-MIX38



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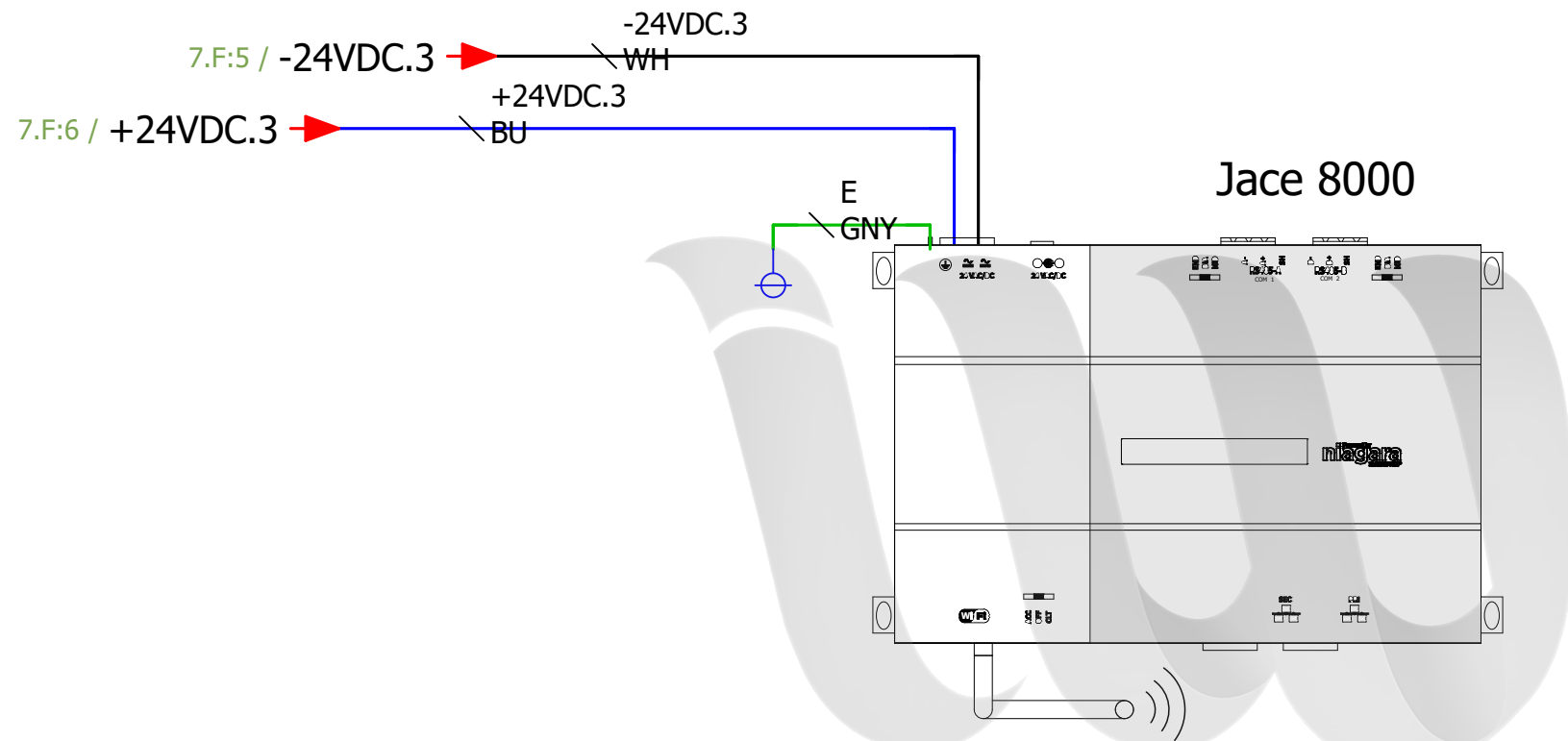
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B02-DDC01  
 Power Distribution Page 9/15

iSMA-B-MIX38 UNIVERSAL INPUTS

U1 U2 U3 U4 G0 U5 U6 U7 U8 G0

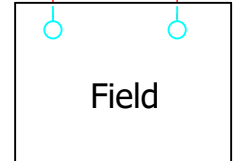
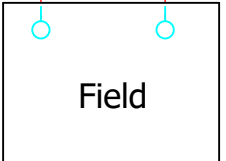
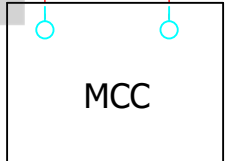
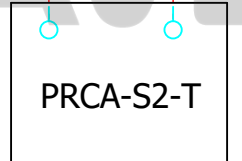
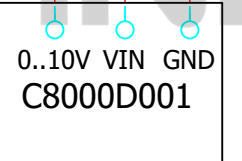
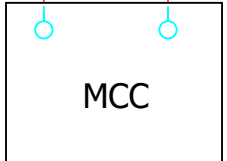
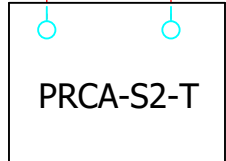
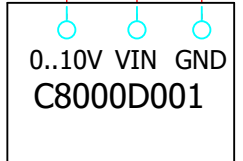


1 WH 4 WH 6 WH 8 WH 7 WH 11 WH 13 WH 15 WH 17 WH 18 WH

+24VDC.1 BU -24VDC.1 WH +24VDC.1 BU -24VDC.1 WH

5 WH 12 WH 14 WH 16 WH

MIX38-UI



(AHU-22-001)  
Return Duct  
Air CO2  
Reading

(AHU-22-001)  
Cooling Coil  
Valve  
Position  
Feedback

(AHU-22-001)  
Supply Fan  
VFD Speed  
Feedback

(AHU-22-002)  
Return Duct  
Air CO2  
Reading

(AHU-22-002)  
Cooling Coil  
Valve  
Position  
Feedback

(AHU-22-002)  
Supply Fan  
VFD Speed  
Feedback

Spare

Spare

Field Connection



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iSMA-B-MIX38 DIGITAL INPUTS

I1 I2 I3 I4 G0 I5 I6 I7 I8 G0



19 WH 21 WH 23 WH 25 WH 26 WH 27 WH 29 WH 31 WH 33 WH 34 WH

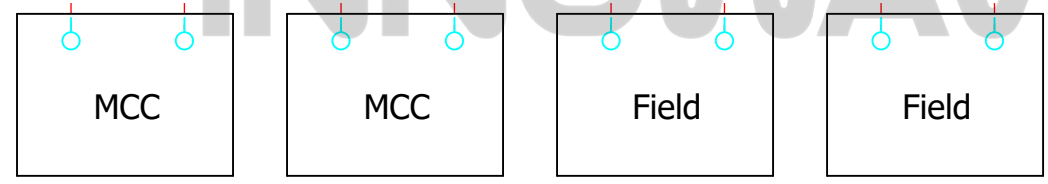
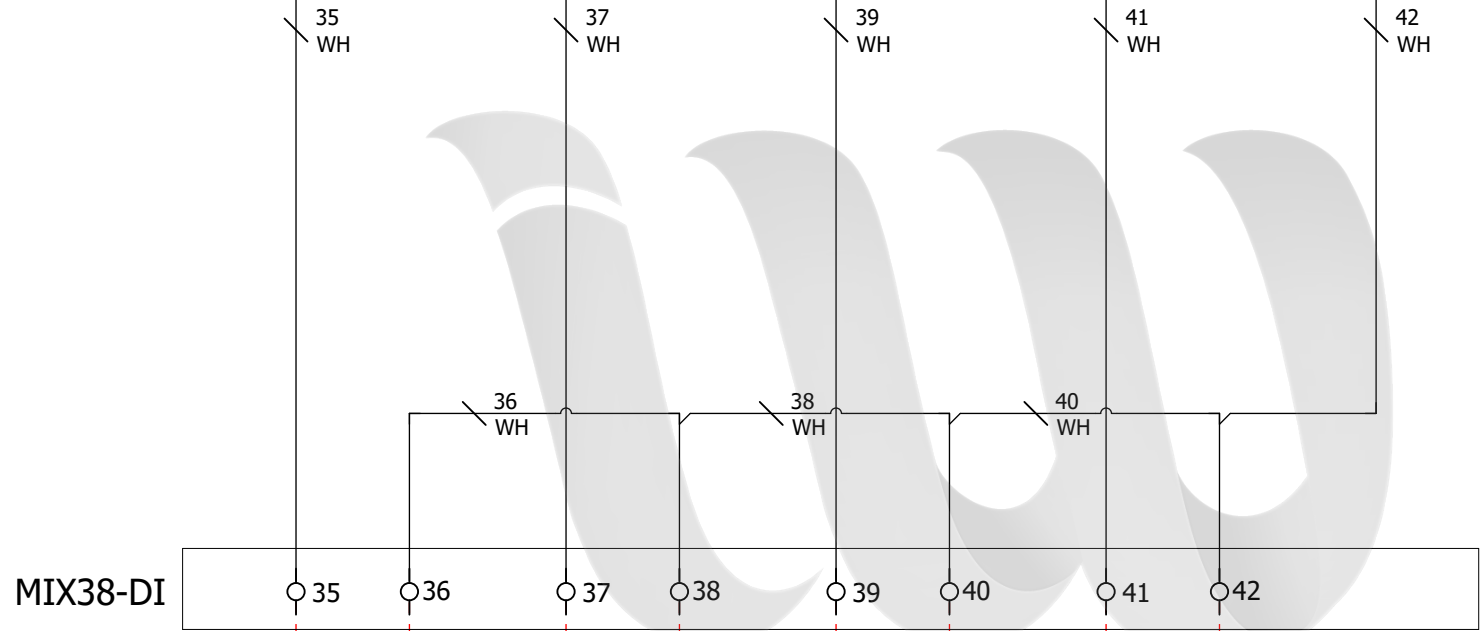
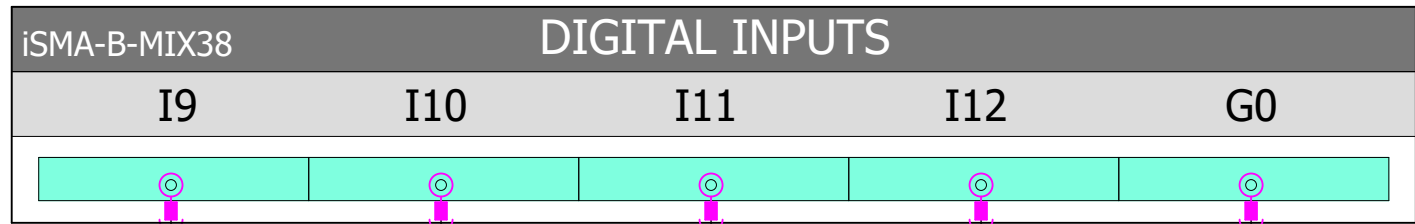
20 WH 22 WH 24 WH 28 WH 30 WH 32 WH

MIX38-DI 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34



Field Connection

(AHU-22-001) Supply Fan Air Flow Status  
 (AHU-22-001) Supply Fan VFD Hand Status  
 (AHU-22-001) Supply Fan VFD Auto Status  
 (AHU-22-001) Supply Fan VFD Run Status  
 (AHU-22-001) Supply Fan VFD Trip Status  
 (AHU-22-002) Supply Fan Air Flow Status  
 (AHU-22-002) Supply Fan VFD Hand Status  
 (AHU-22-002) Supply Fan VFD Auto Status



(AHU-22-001) Supply Fan VFD Run Status  
 (AHU-22-001) Supply Fan VFD Trip Status  
 Spare  
 Spare

Field Connection

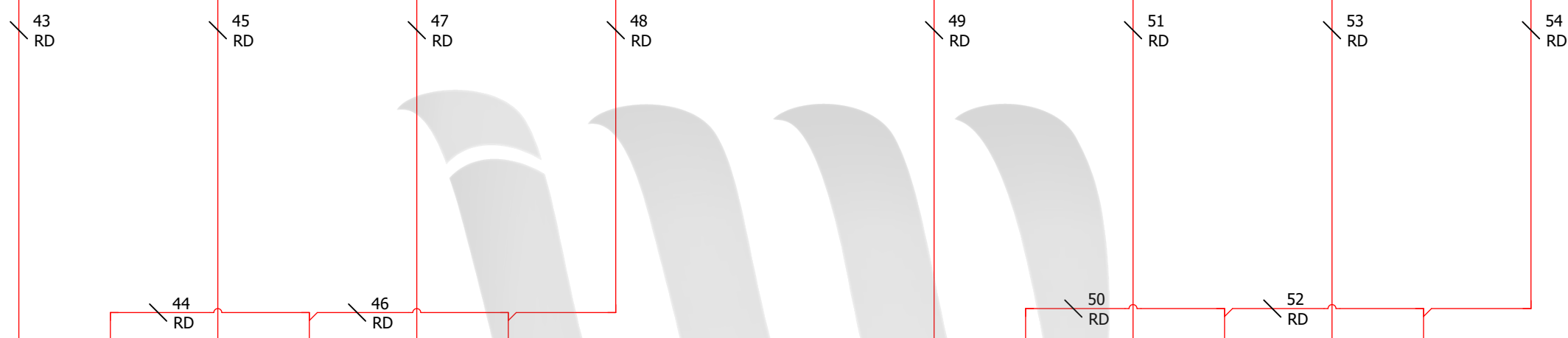
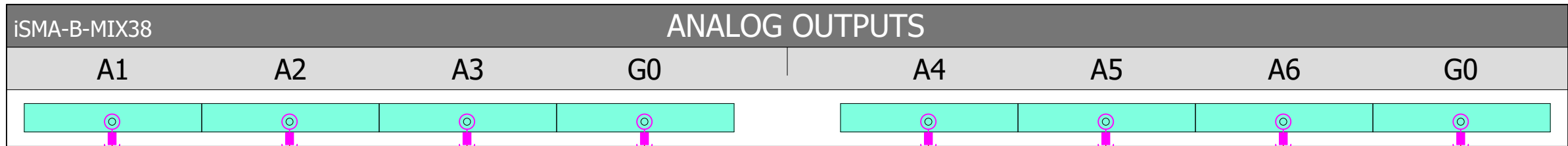
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Field Connection

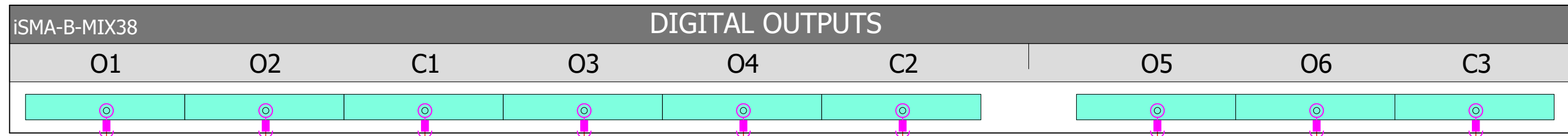
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55 RD 57 RD 58 RD 59 RD 61 RD 62 RD 63 RD 65 RD 66 RD

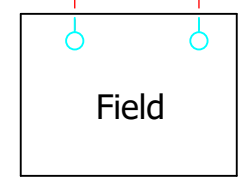
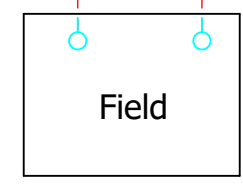
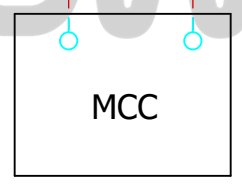
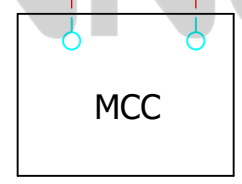
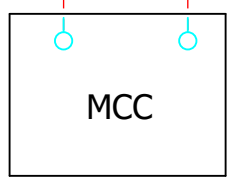
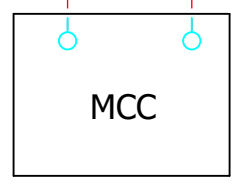
56 RD

60 RD

64 RD

MIX38-DO

55 56 57 58 59 60 61 62 63 64 65 66



(AHU-22-001) Supply Fan  
VFD Start/ Stop Command

(AHU-22-002) Supply Fan  
VFD Start/ Stop Command

(AHU-22-001) Supply Fan  
VFD Bypass On/ Off Command

(AHU-22-002) Supply Fan  
VFD Bypass On/ Off Command

Spare

Spare

Field Connection

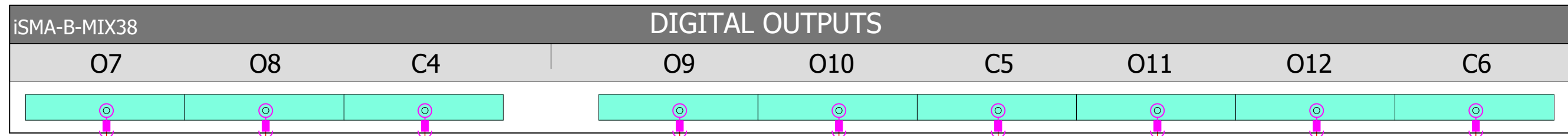
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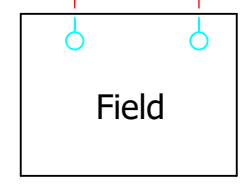
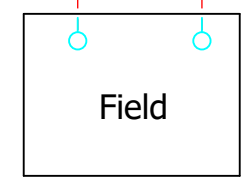
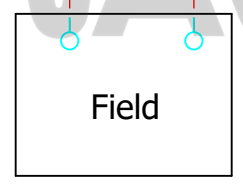
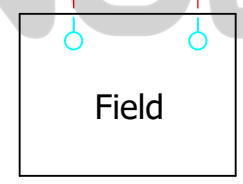
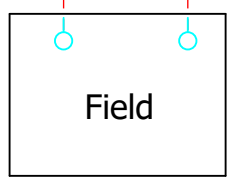
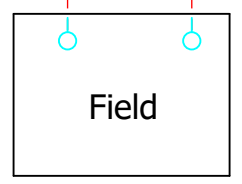
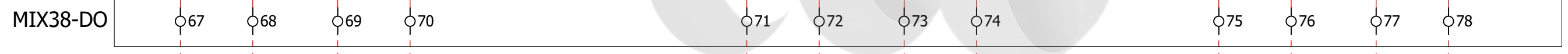


67 RD 69 RD 70 RD 71 RD 73 RD 74 RD 75 RD 77 RD 78 RD

68 RD

72 RD

76 RD



Field Connection

Spare

Spare

Spare

Spare

Spare

Spare

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