

Project Properties

Client data	
Client Name	
Address	
Country	
Zip Code	
City	
Client No.	
Dealer	
Order No.	
Serial No.	

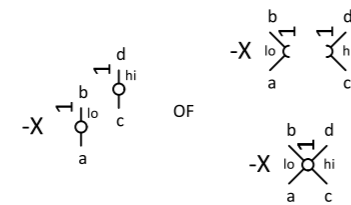
Project Information	
Project File Name	31012B004N_Compass-2s-500x500
Project Creation Date	4-4-2019
Created By	HdH
Checked By	RvM
Drawing No.	31012B004
Drawing Version	N
Modification 01	Crimp terminal pos. lock groundconnection on transformer.
Date of Change 01	7-11-2018
Modification 02	Endplate PE1 / Extra separation between 230Vac and 24Vdc terminals
Date of Change 02	11-04-2019
Modification 03	New sticker for Gateway
Date of Change 03	10-09-2019

USED WIRE COLOR ABBREVIATIONS (IEC60757)

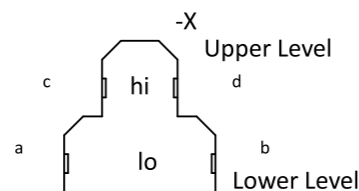
- BK = BLACK
- BN = BROWN
- RD = RED
- OG = ORANGE
- YE = YELLOW
- GN = GREEN
- BU = BLUE
- VT = VIOLET or PURPLE
- GY = GREY
- WT = WHITE
- PK = PINK
- SH = SHIELD
- GNYE = GREEN/YELLOW



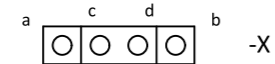
TERMINAL INDEX (DIAGRAM)



TERMINAL INDEX (PANEL HORZ.)

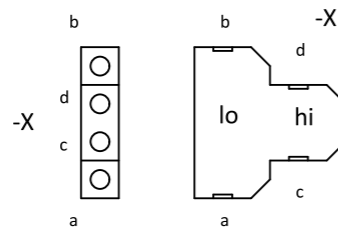


Side View



Top View

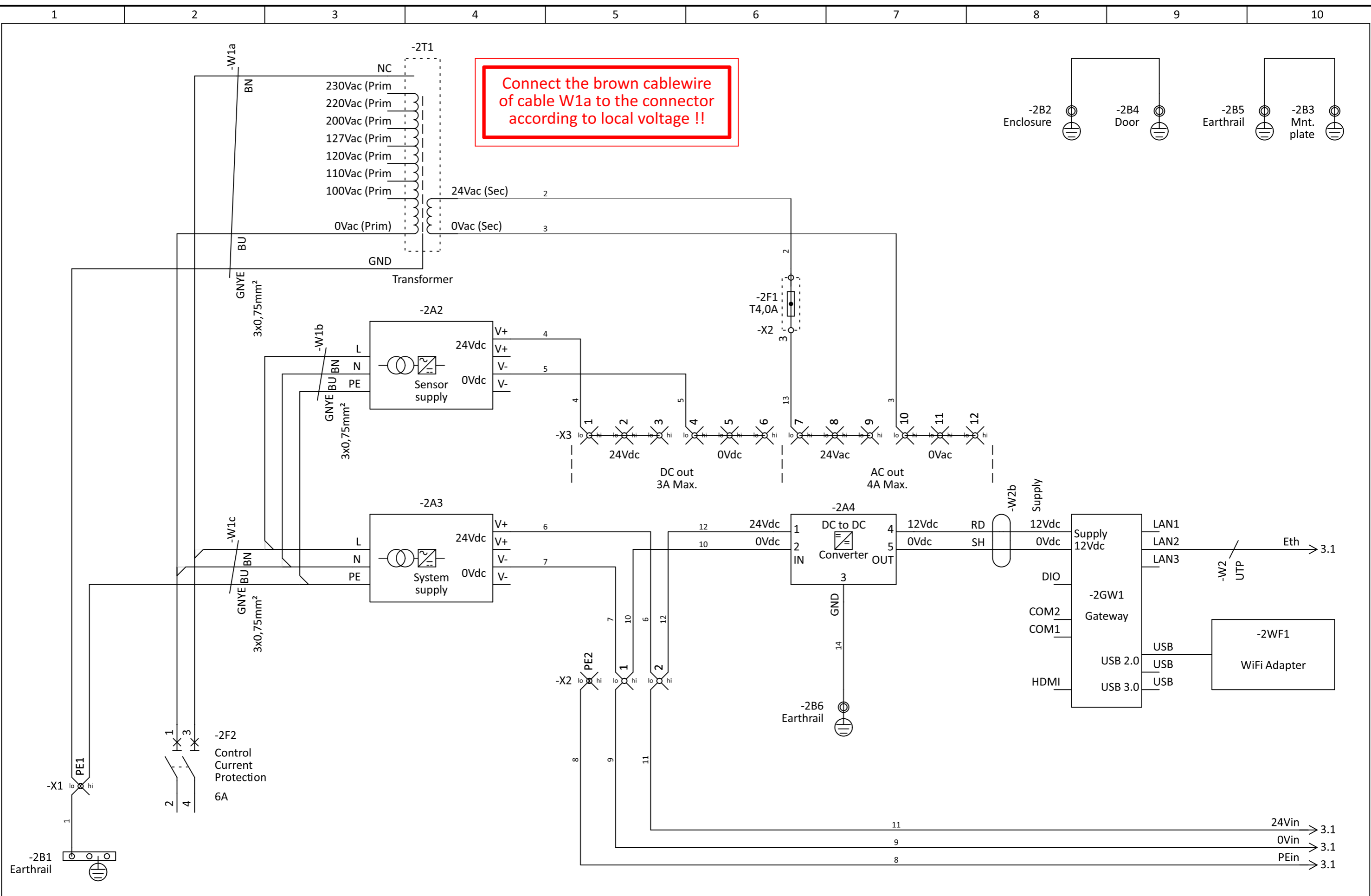
TERMINAL INDEX (PANEL VERT.)



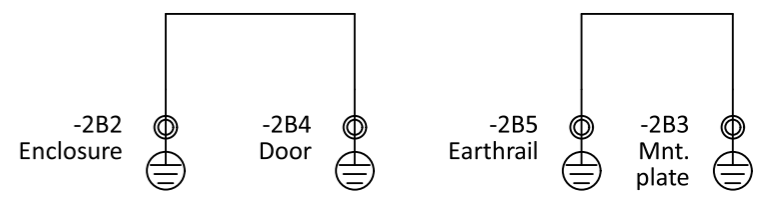
Top View

Side View

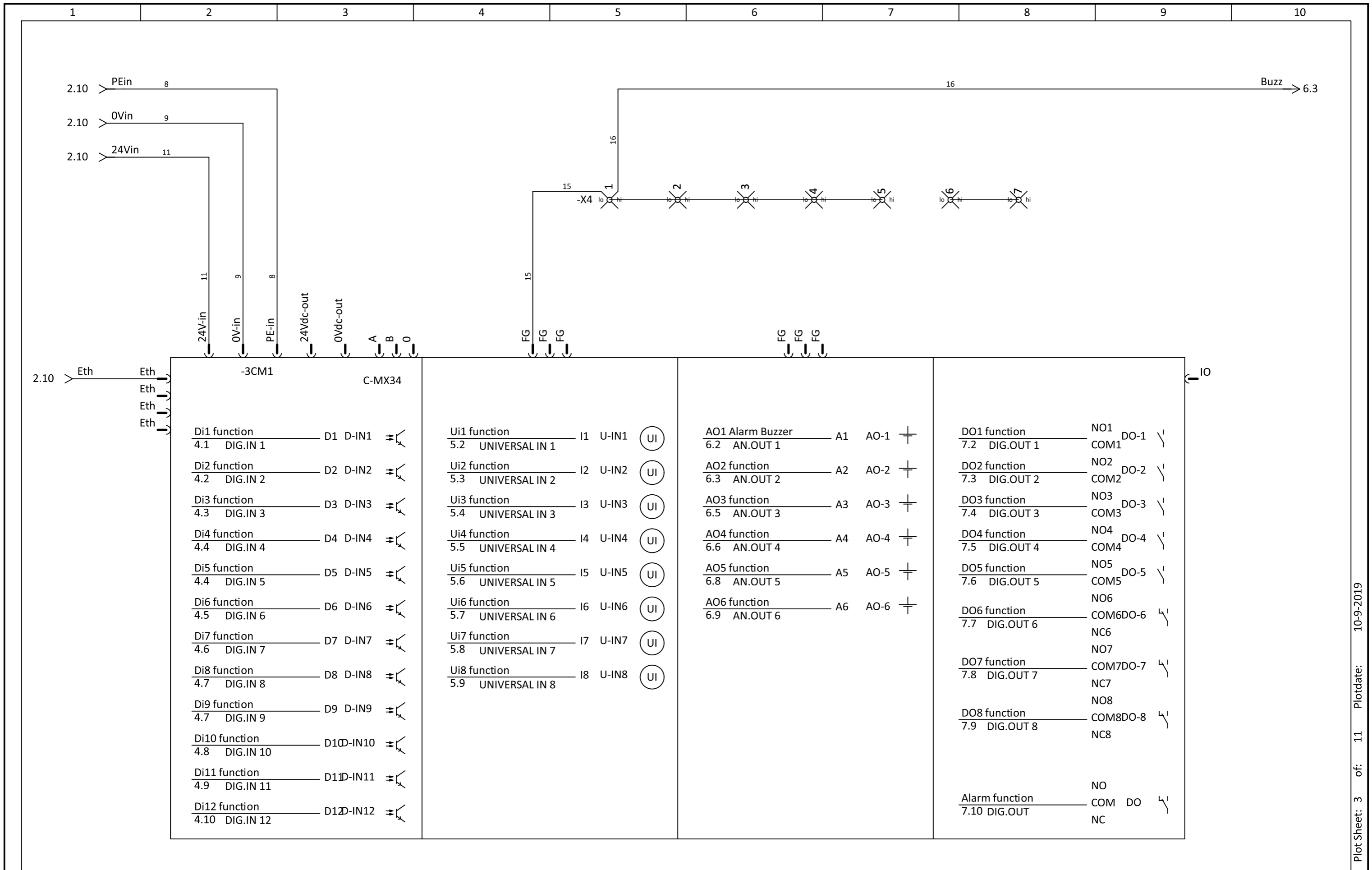
Comments



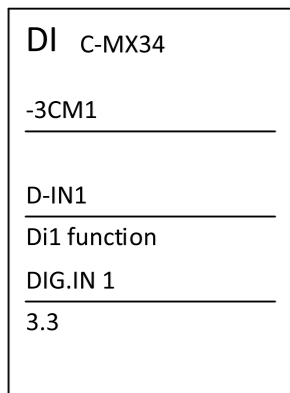
Connect the brown cablewire of cable W1a to the connector according to local voltage !!



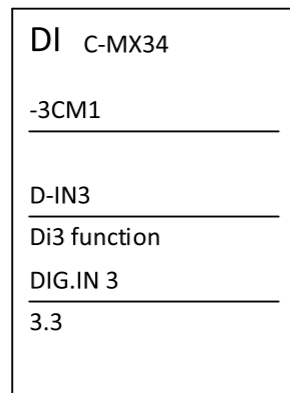
Plot Sheet: 2 of 11 Plotdate: 10-9-2019



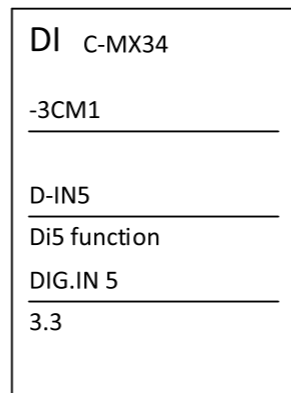
Plot Sheet: 3 of 11 Plotdate: 10-9-2019



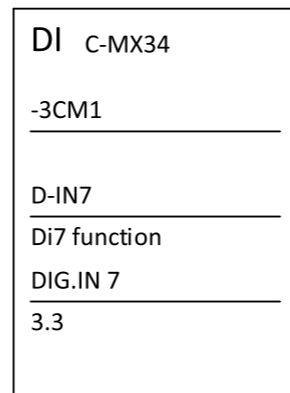
D1



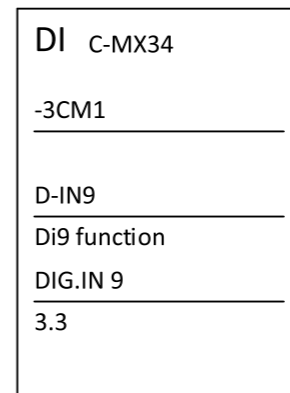
D3



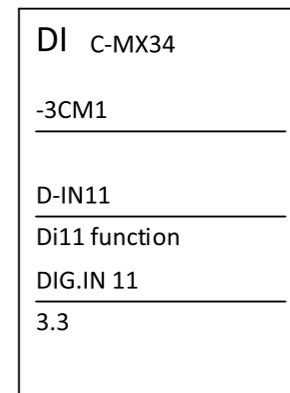
D5



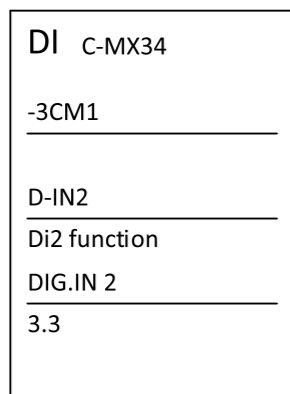
D7



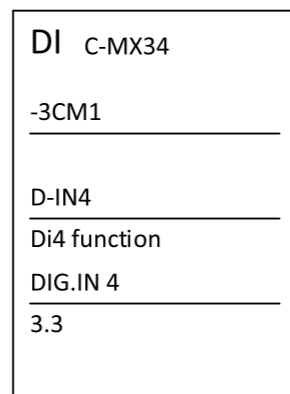
D9



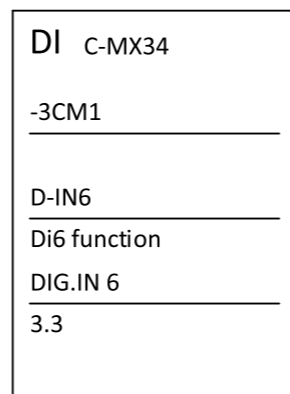
D11



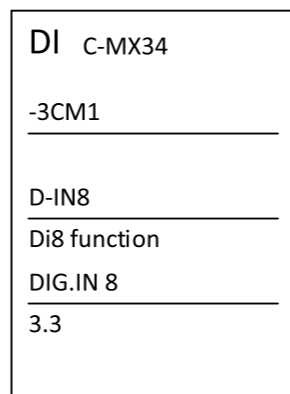
D2



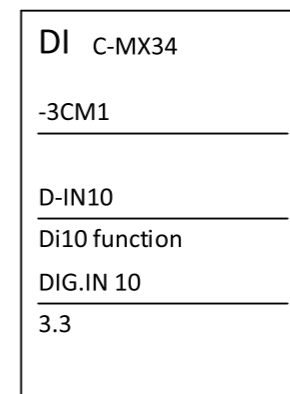
D4



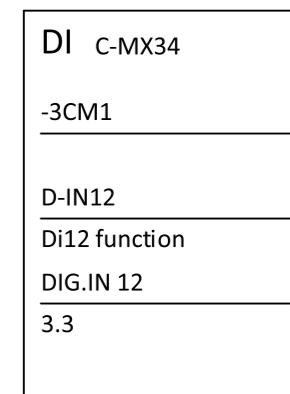
D6



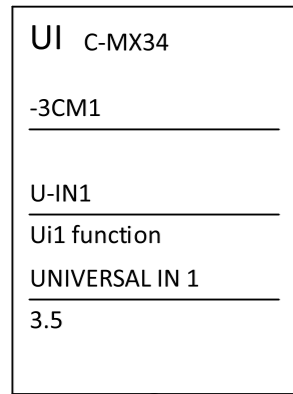
D8



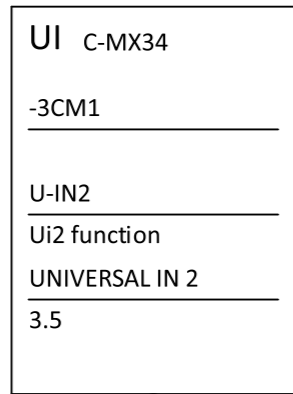
D10



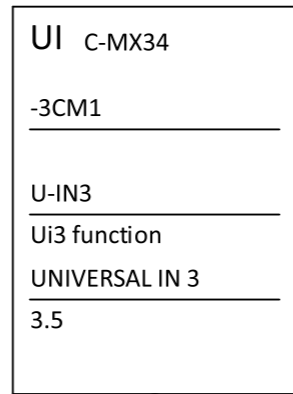
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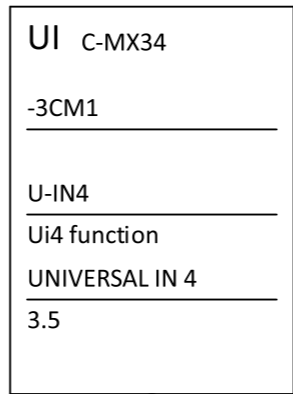
I1



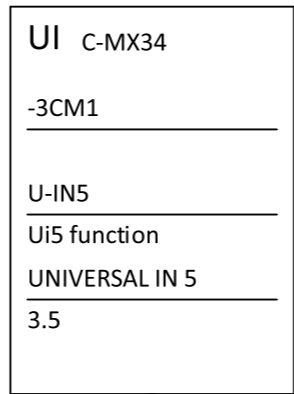
I2



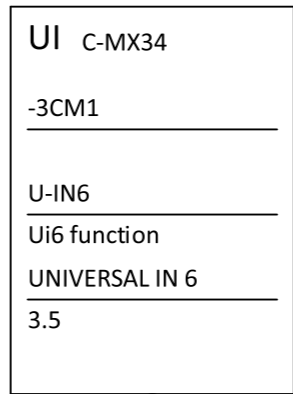
I3



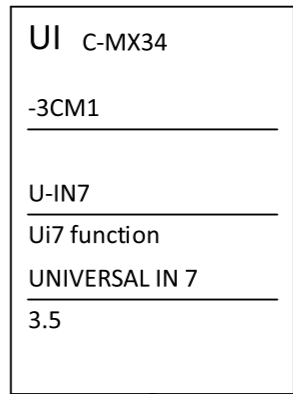
I4



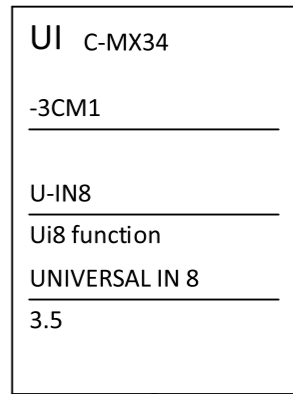
I5



I6

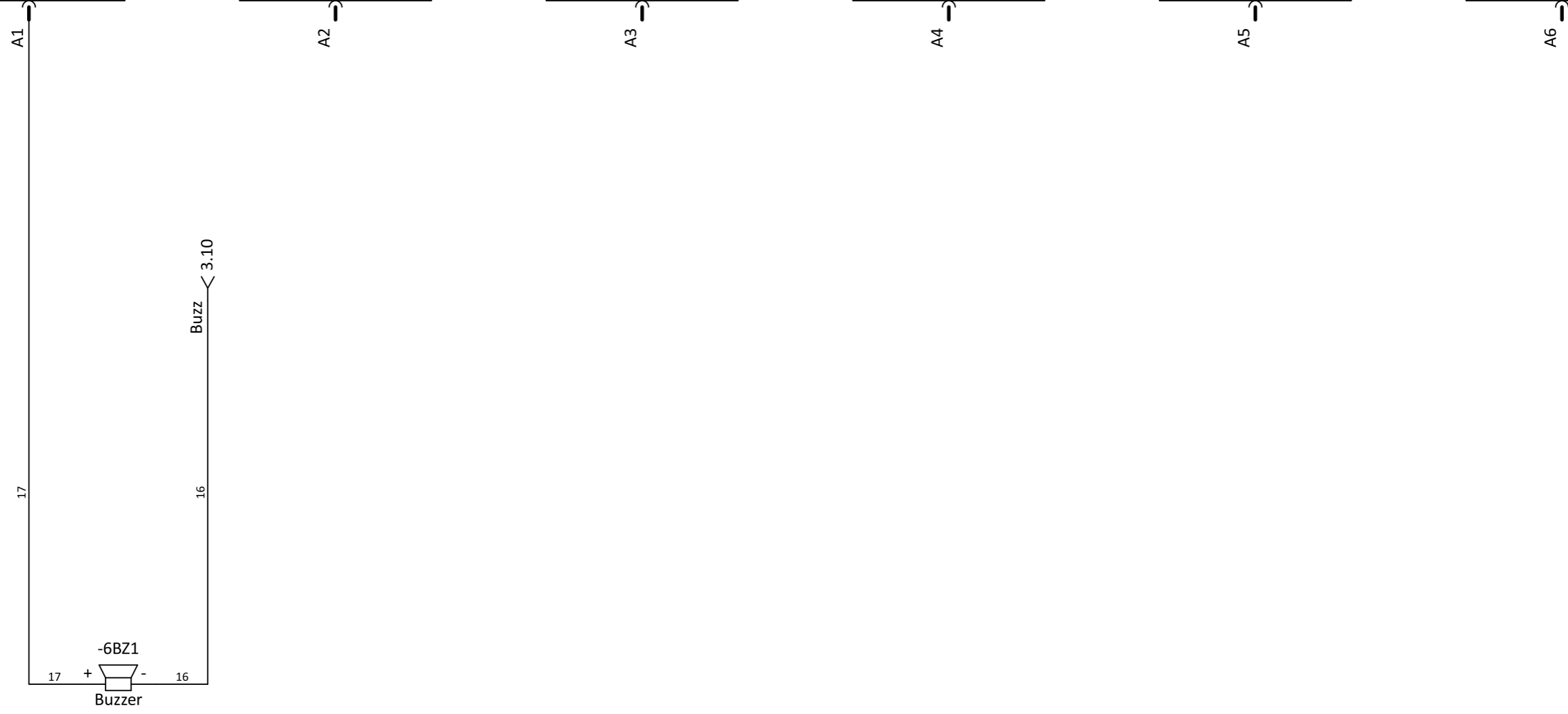
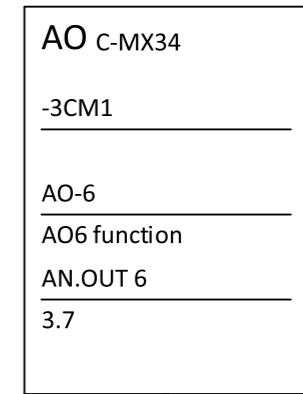
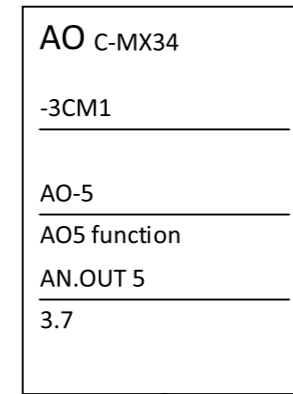
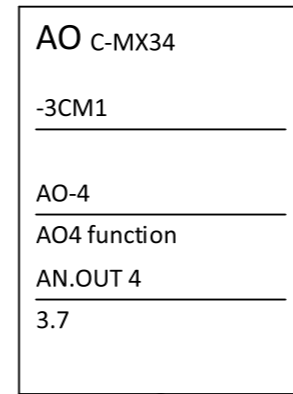
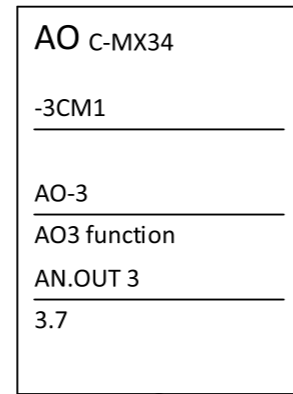
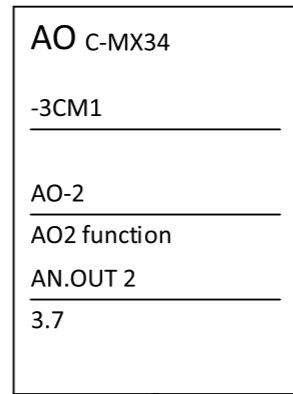
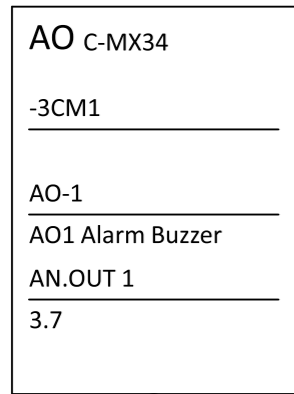


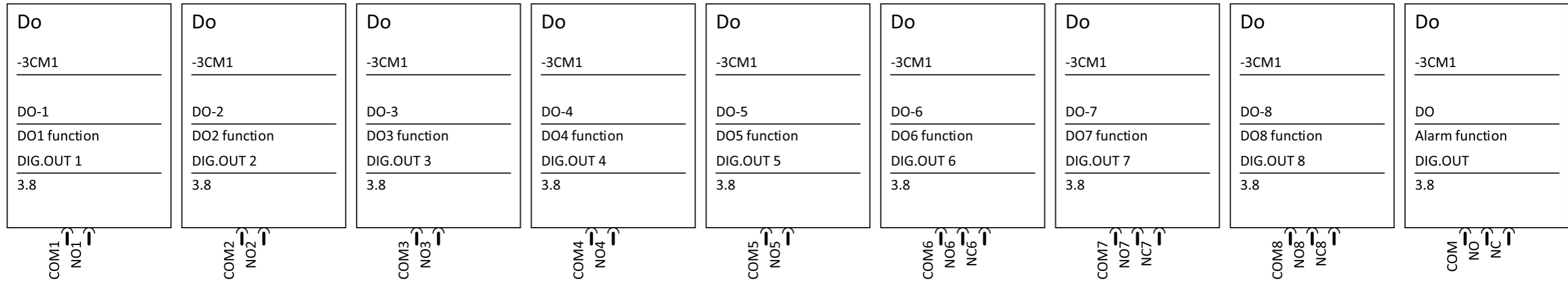
I7



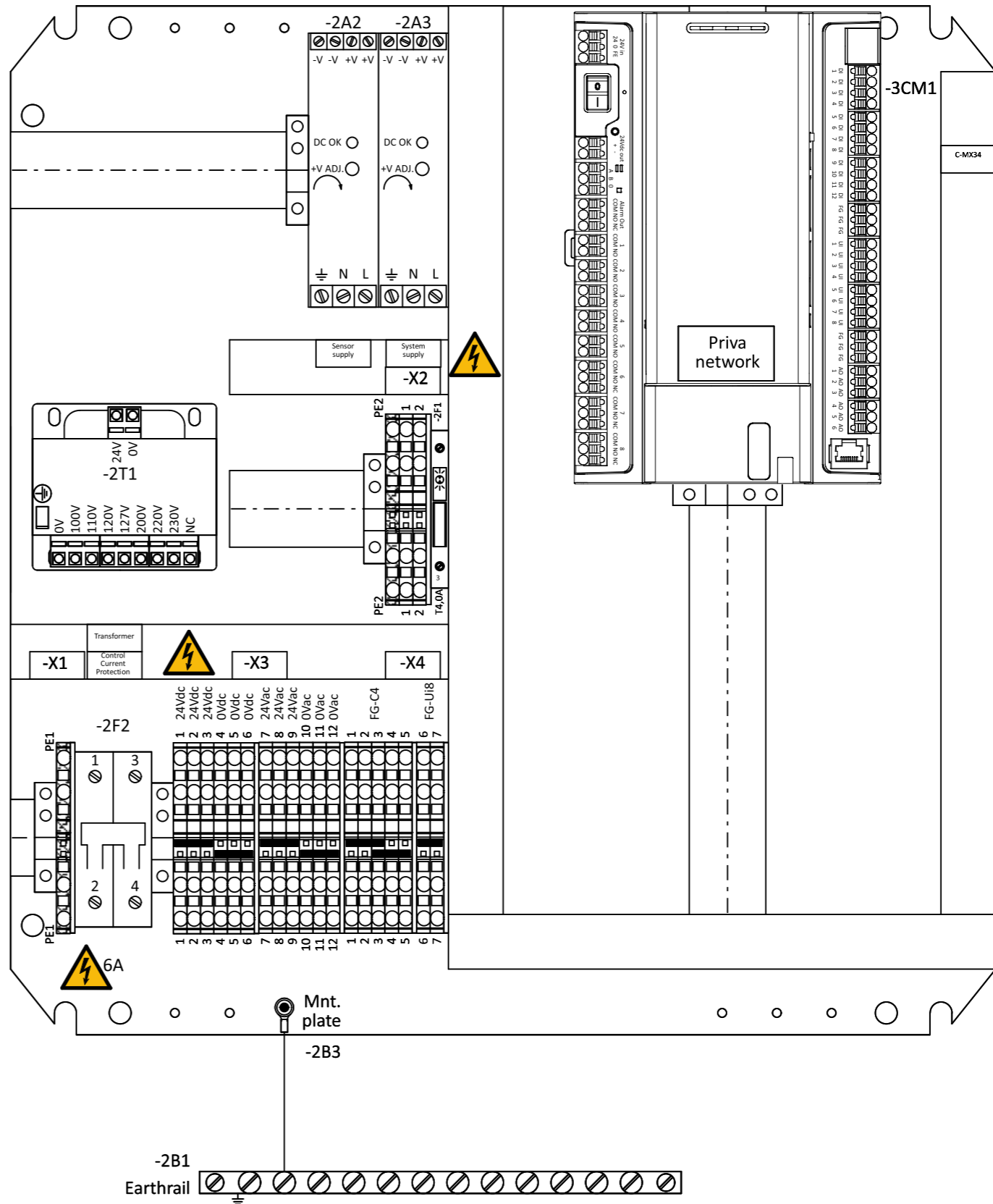
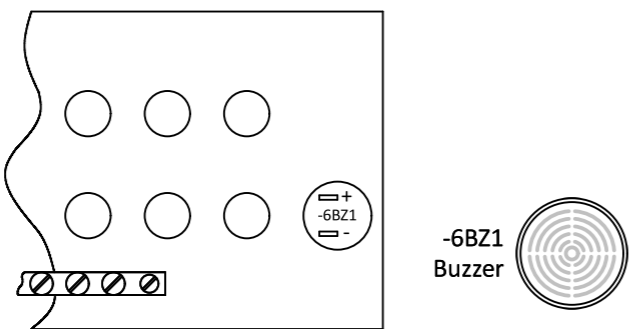
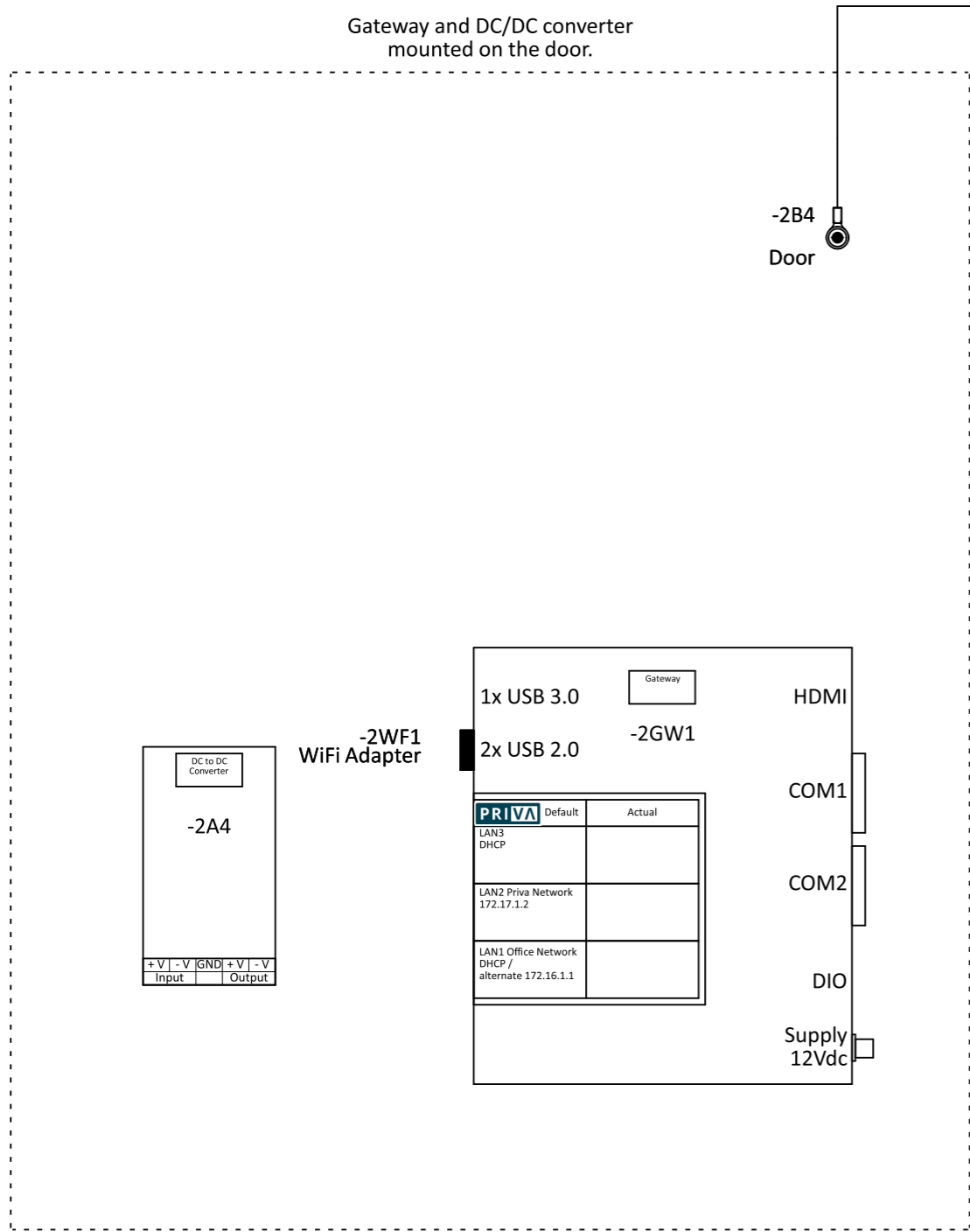
I8

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Plot Sheet: 7 of 11 Plotdate: 10-9-2019



Connection List

Sheet	Wire no.	Diameter	Color	Wire - Item Nr	Bridge-Type	From	To
2	1	1.5	GNYE	0	0	=Compass+Controlpanel-2B1:PE	=Compass+Controlpanel-X1:PE1/lo
2	2	1	VT	0	0	=Compass+Controlpanel-X2:3	=Compass+Controlpanel-2T1:24Vac (Sec)
2	3	1	WT	0	0	=Compass+Controlpanel-X3:10/lo	=Compass+Controlpanel-2T1:0Vac (Sec)
2	4	1	RD	0	0	=Compass+Controlpanel-2A2:V+	=Compass+Controlpanel-X3:1/lo
2	5	1	BK	0	0	=Compass+Controlpanel-2A2:V-	=Compass+Controlpanel-X3:4/lo
2	6	1	RD	0	0	=Compass+Controlpanel-2A3:V+	=Compass+Controlpanel-X2:2/lo
2	7	1	BK	0	0	=Compass+Controlpanel-2A3:V-	=Compass+Controlpanel-X2:1/lo
2	8	1	GN	0	0	=Compass+Controlpanel-X2:PE2/lo	=Compass+Controlpanel-3CM1:PE-in
2	9	1	BK	0	0	=Compass+Controlpanel-X2:1/lo	=Compass+Controlpanel-3CM1:0V-in
2	10	1	BK	0	0	=Compass+Controlpanel-X2:1/hi	=Compass+Controlpanel-2A4:0Vdc
2	11	1	RD	0	0	=Compass+Controlpanel-X2:2/lo	=Compass+Controlpanel-3CM1:24V-in
2	12	1	RD	0	0	=Compass+Controlpanel-X2:2/hi	=Compass+Controlpanel-2A4:24Vdc
2	13	1	VT	0	0	=Compass+Controlpanel-X2:3	=Compass+Controlpanel-X3:7/lo
2	14	1	GNYE	0	0	=Compass+Controlpanel-2A4:GND	=Compass+Controlpanel-2B6:1
3	15	1	GY	0	0	=Compass+Controlpanel-3CM1:FG	=Compass+Controlpanel-X4:1/lo
6	16	1	GY	0	0	=Compass+Controlpanel-6BZ1:-	=Compass+Controlpanel-X4:1/hi
6	17	1	RD	0	0	=Compass+Controlpanel-6BZ1:+	=Compass+Controlpanel-3CM1:A1
2	@	2.5	GNYE	0	0	=Compass+Controlpanel-2B5:1	=Compass+Controlpanel-2B3:1
2	@	2.5	GNYE	0	0	=Compass+Controlpanel-2B2:1	=Compass+Controlpanel-2B4:1
3	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X4:1/hi	=Compass+Controlpanel-X4:2/hi
2	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X3:8/hi	=Compass+Controlpanel-X3:9/hi
2	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X3:7/hi	=Compass+Controlpanel-X3:8/hi
2	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X3:10/hi	=Compass+Controlpanel-X3:11/hi
3	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X4:3/hi	=Compass+Controlpanel-X4:4/hi
2	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X3:2/hi	=Compass+Controlpanel-X3:3/hi
3	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X4:2/hi	=Compass+Controlpanel-X4:3/hi
3	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X4:6/hi	=Compass+Controlpanel-X4:7/hi
2	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X3:1/hi	=Compass+Controlpanel-X3:2/hi
2	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X3:4/hi	=Compass+Controlpanel-X3:5/hi
2	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X3:11/hi	=Compass+Controlpanel-X3:12/hi
2	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X3:5/hi	=Compass+Controlpanel-X3:6/hi
3	@	-	-	Fixed Bridge	1	=Compass+Controlpanel-X4:4/hi	=Compass+Controlpanel-X4:5/hi

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BOM (Bill Of Materials)

Qty.	Item nr:	Product Description	Function / Value Description
6.00	225001	Sticker Danger High Voltage	Sticker
1.00	471303	Cable VMVL 3x0.75mm	Cable
1.00	3471657	Gateway V2 12V power cable 2.5m	Power cable
21.00	3575511	Rail Terminal ST4-Quattro Grey	Terminal
2.00	3575513	Rail Terminal ST4-Quattro PE	Terminal
6.00	3575514	End Cover ST4-Quattro	End Cover
5.00	3575516	Plug-in Bridge 3 pos.	Plug-in Bridge
1.00	3575637	Circuit-breaker 2-pole ABB S202-C6	Circuit Breaker
1.00	3575650	Rail Terminal Fuse UK5-24V	Fuseholder
1.00	3575664	Plug-in Bridge 2 pos.	Plug-in Bridge
5.00	3575665	Rail Terminal End Clamp E/UK	End Clamp
1.00	3651124	Buzzer Compass	Buzzer
1.00	3653033	Transformer 100/110/120/127/200/220/230V - 24V	Transformer
2.00	3655304	Cable Lug ring 5mm 1.5mm ² RD	Cable Lug
1.00	3655322	Kabelklem r steek 6,6 geisoleerd + interlock	Cable terminal
2.00	3655326	Kabelklem r steek 5,0 geisoleerd (4,8 x 0,5)	Cable terminal
2.00	3655333	Cable Lug ring 5mm 2.5mm ² BU	Cable Lug
42.00	3655371	Cable Terminal Ferrule 1.00 YE	Cable terminal
1.00	3655372	Cable Terminal Ferrule 1.50 RD	Cable terminal
3.00	3655376	Cable Terminal Ferrule 2x1 YE	Cable terminal
1.00	3659053	DC-DC converter 40W 9-36Vdc->12Vdc	DC-DC converter
2.00	3659062	Power Supply 24Vdc / 3A	Power Supply
1.00	3771811	Connex Gateway V2	Gateway
1.00	3773212	FTP Cable 1,5m Blue	Patchcable
1.00	3775397	Priva Blue ID WiFi Adapter	WiFi Adapter
1.00	3800556	Screw Phillips 2 st vz M5x10	Screw
4.00	3801309	Earth Ring M5	Earthing washer
4.00	3801316	Washer Ring 5mm	Washer
23.00	3802561	Cable Tie 98x2.4mm white	Cable Tie
1.00	3803072	Fuse 5x20 4At	Fuse
0.02	3804220	Heat Shrink 1,6 mm	Heat Shrink
0.04	3804236	Heat Shrink 4,8 mm	Heat Shrink

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of: 11
Plot Sheet: 10

