

Project Properties

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

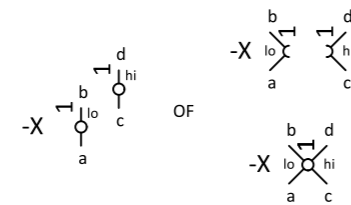
Project Information	
Project File Name	31012B005N_Compass-4s-600x600
Project Creation Date	13-12-2018
Created By	HdH
Checked By	RvM
Drawing No.	31012B005
Drawing Version	N
Modification 01	Crimp terminal pos. lock groundconnection on transformer.
Date of Change 01	07-11-2018
Modification 02	Endplate PE1 / 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)

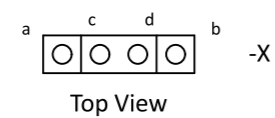
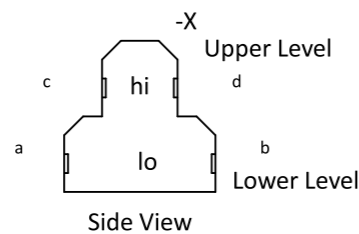
BK = BLACK
 BN = BROWN
 RD = RED
 OG = ORANGE
 YE = YELLOW
 GN = GREEN
 BU = BLUE
 VT = VIOLET or PURPLE
 GY = GREY
 WT = WHITE
 PK = PINK
 SH = SHIELD
 GNYE = GREEN/YELLOW

 = GREEN/YELLOW
  = BLUE

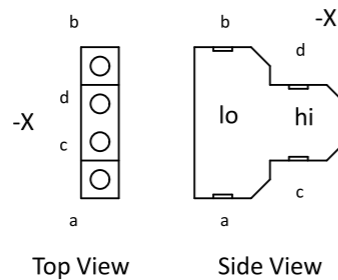
TERMINAL INDEX (DIAGRAM)



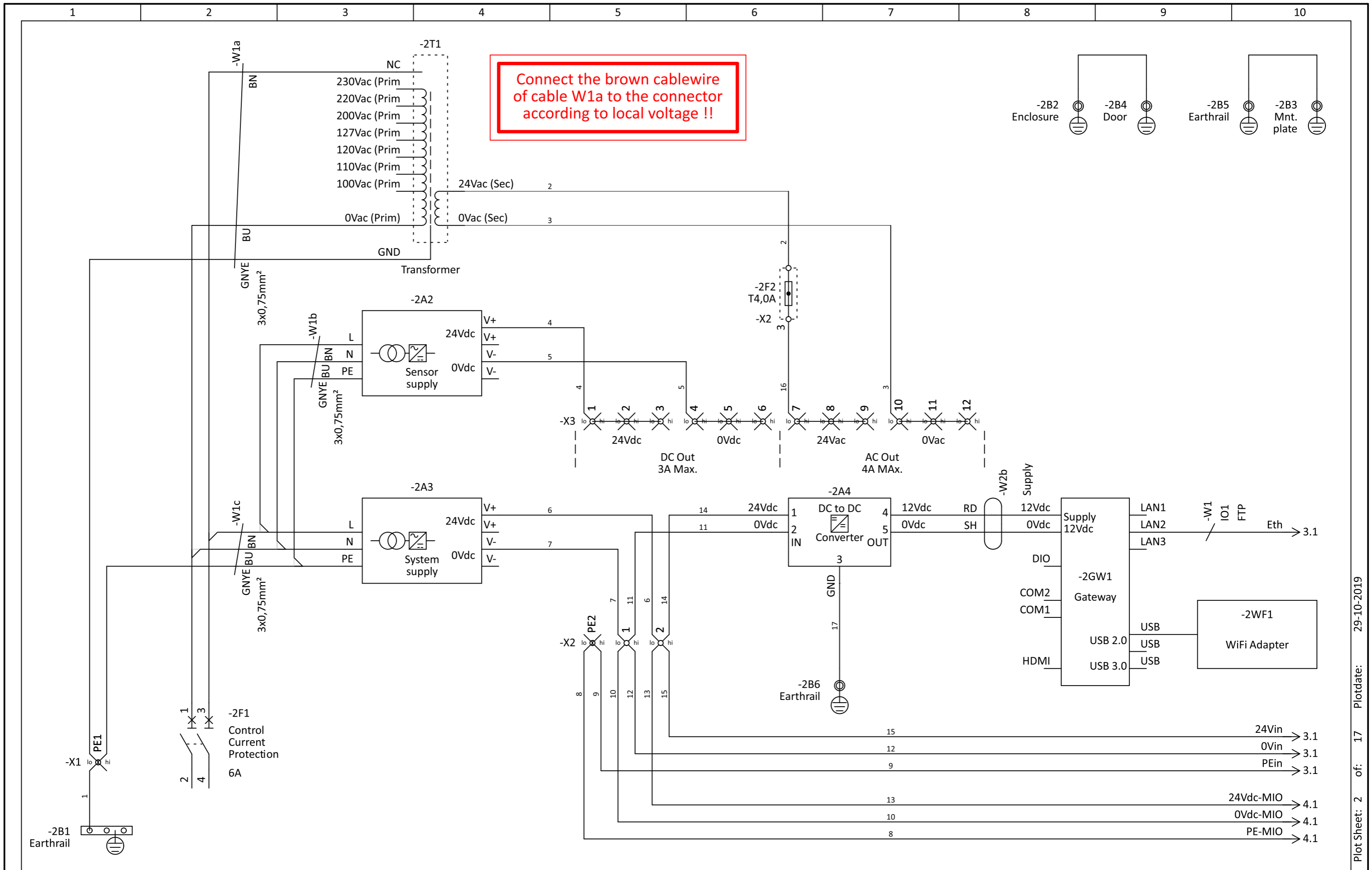
TERMINAL INDEX (PANEL HORZ.)



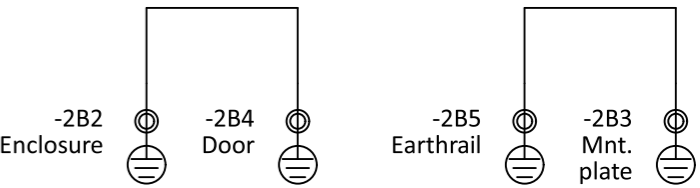
TERMINAL INDEX (PANEL VERT.)



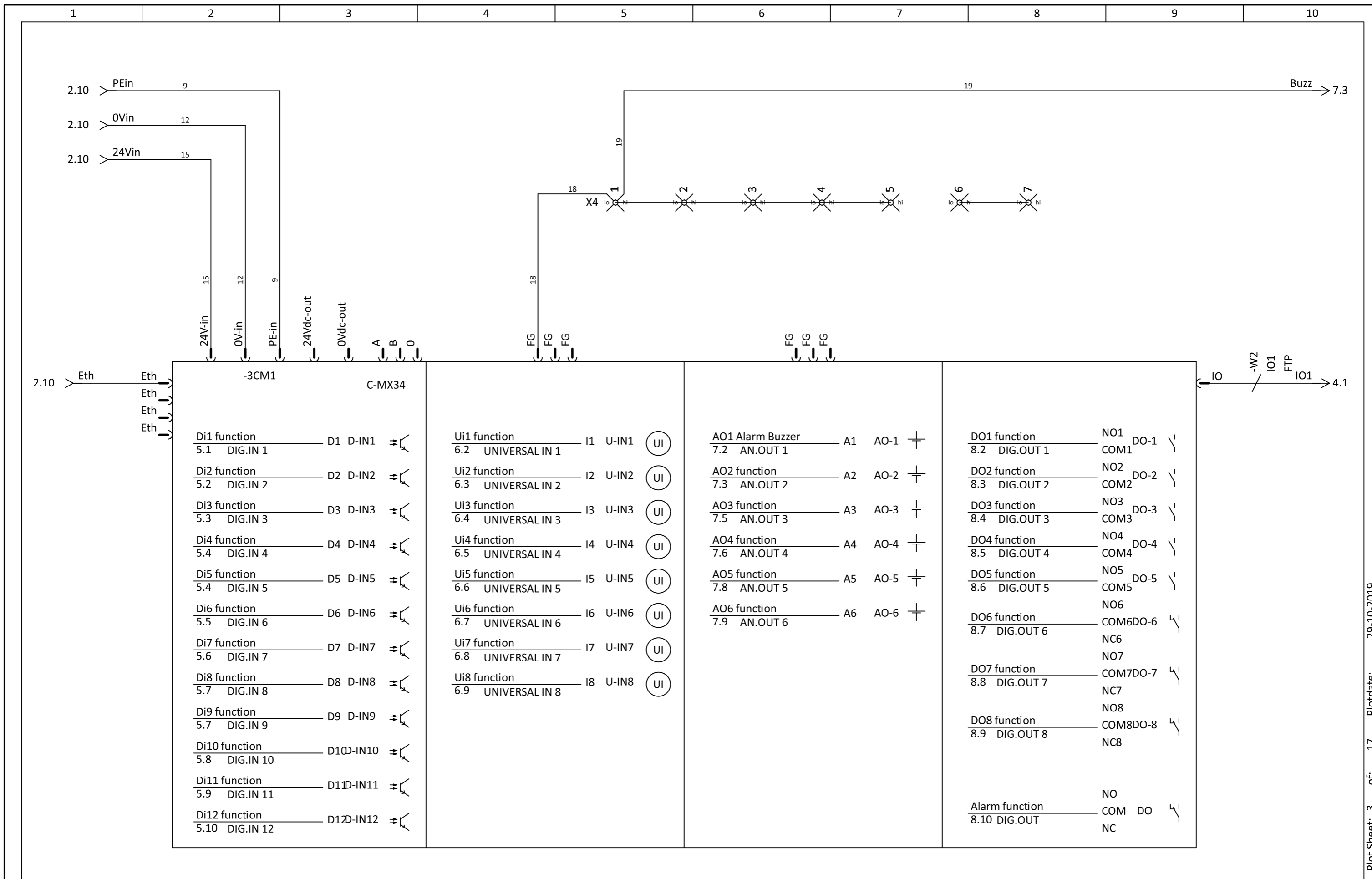
Comments



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



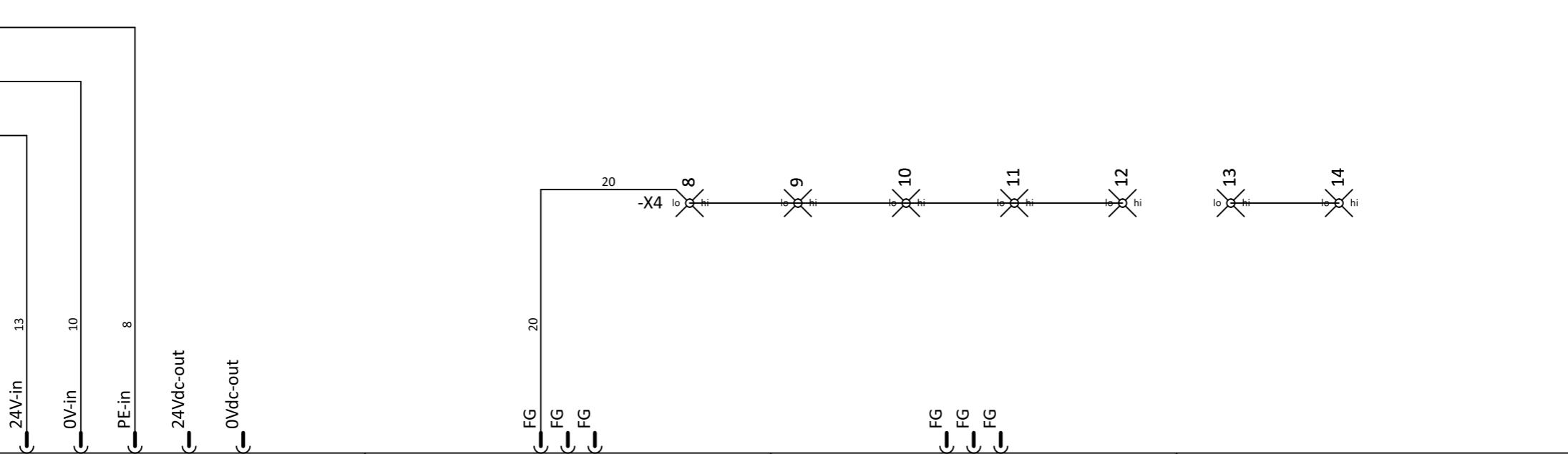
Plot Sheet: 2 of 17 Plotdate: 29-10-2019



Plot Sheet: 3 of 17 Plotdate: 29-10-2019

Priva B.V. Netherlands http://www.priva.com	CMi		Date: 13-12-2018	Drawing No.: 31012B005	Version: N	Corr.: RvM	Drawn: HdH
	Orderno:	Serial no:	Project File Name: 31012B005N_Compas-4s-600x600	Function: =Compass	Location: +Controlpanel	Sheet: 3	Of: 17

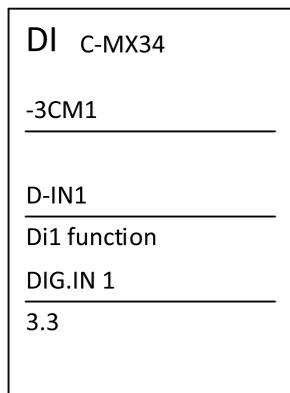
2.10 PE-MIO 8
 2.10 0Vdc-MIO 10
 2.10 24Vdc-MIO 13



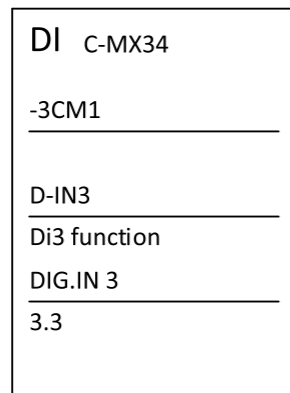
3.10 IO1 IO

-4MIO1		MX34	
Di1 function 9.1 DIG.IN 1	D1 D-IN1	Ui1 function 10.2 UNIVERSAL IN 1	I1 U-IN1 (UI)
Di2 function 9.2 DIG.IN 2	D2 D-IN2	Ui2 function 10.3 UNIVERSAL IN 2	I2 U-IN2 (UI)
Di3 function 9.3 DIG.IN 3	D3 D-IN3	Ui3 function 10.4 UNIVERSAL IN 3	I3 U-IN3 (UI)
Di4 function 9.4 DIG.IN 4	D4 D-IN4	Ui4 function 10.5 UNIVERSAL IN 4	I4 U-IN4 (UI)
Di5 function 9.4 DIG.IN 5	D5 D-IN5	Ui5 function 10.6 UNIVERSAL IN 5	I5 U-IN5 (UI)
Di6 function 9.5 DIG.IN 6	D6 D-IN6	Ui6 function 10.7 UNIVERSAL IN 6	I6 U-IN6 (UI)
Di7 function 9.6 DIG.IN 7	D7 D-IN7	Ui7 function 10.8 UNIVERSAL IN 7	I7 U-IN7 (UI)
Di8 function 9.7 DIG.IN 8	D8 D-IN8	Ui8 function 10.9 UNIVERSAL IN 8	I8 U-IN8 (UI)
Di9 function 9.7 DIG.IN 9	D9 D-IN9		
Di10 function 9.8 DIG.IN 10	D10 D-IN10		
Di11 function 9.9 DIG.IN 11	D11 D-IN11		
Di12 function 9.10 DIG.IN 12	D12 D-IN12		
AO1 function 11.2 AN.OUT 1	A1 AO-1	DO1 function 12.2 DIG.OUT 1	NO1 DO-1
AO2 function 11.3 AN.OUT 2	A2 AO-2	DO2 function 12.3 DIG.OUT 2	NO2 DO-2
AO3 function 11.5 AN.OUT 3	A3 AO-3	DO3 function 12.4 DIG.OUT 3	NO3 DO-3
AO4 function 11.6 AN.OUT 4	A4 AO-4	DO4 function 12.5 DIG.OUT 4	NO4 DO-4
AO5 function 11.8 AN.OUT 5	A5 AO-5	DO5 function 12.6 DIG.OUT 5	NO5 DO-5
AO6 function 11.9 AN.OUT 6	A6 AO-6	DO6 function 12.7 DIG.OUT 6	NO6 DO-6
		DO7 function 12.8 DIG.OUT 7	NO7 DO-7
		DO8 function 12.9 DIG.OUT 8	NO8 DO-8

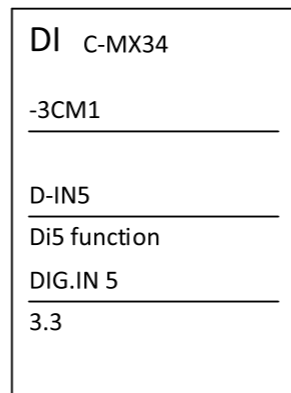
IO



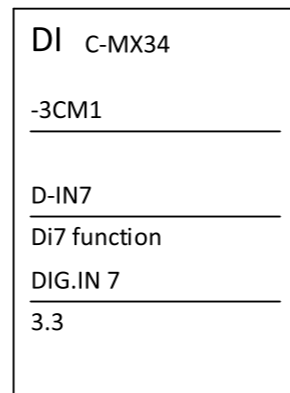
D1



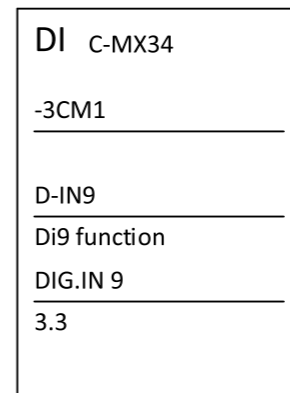
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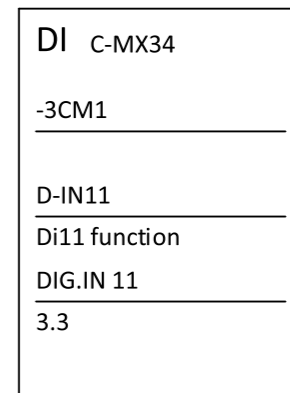
D5



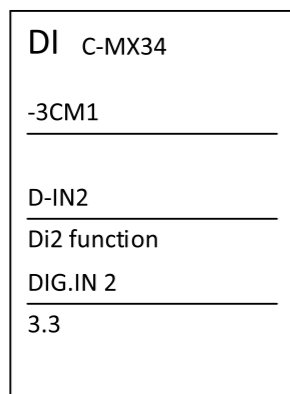
D7



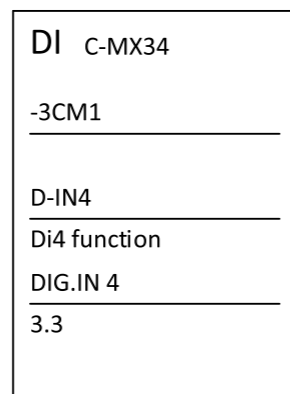
D9



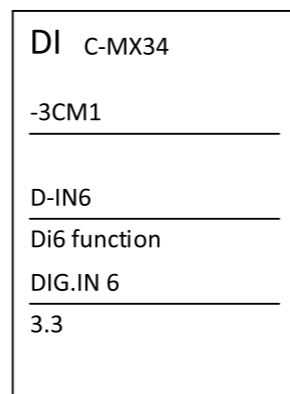
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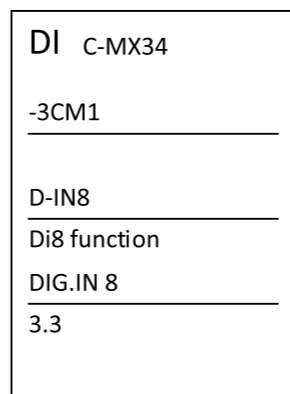
D2



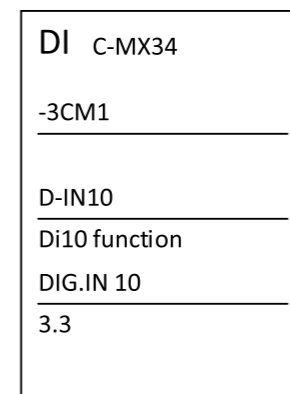
D4



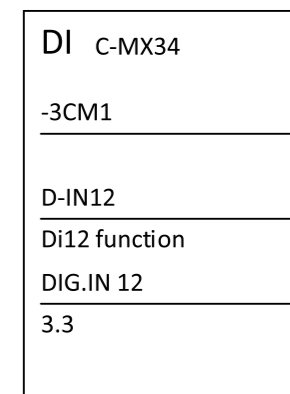
D6



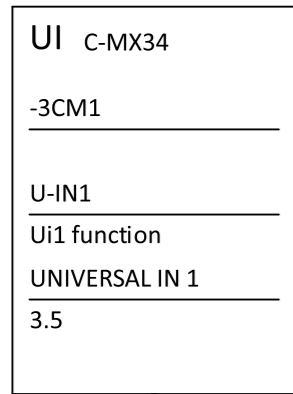
D8



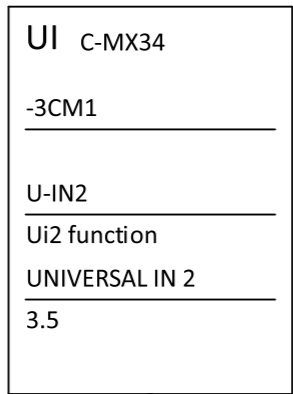
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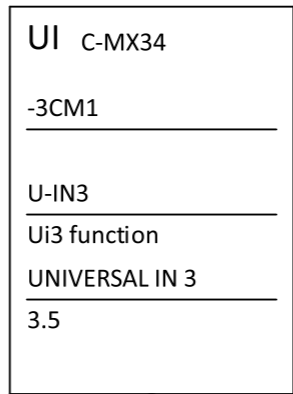
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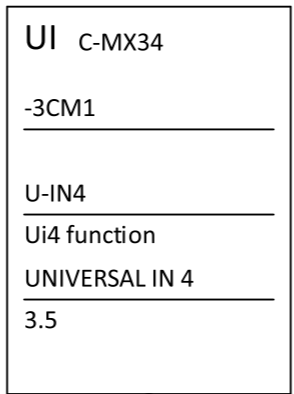
I1



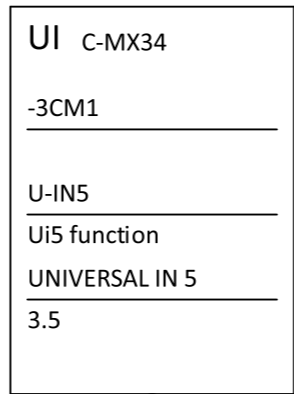
I2



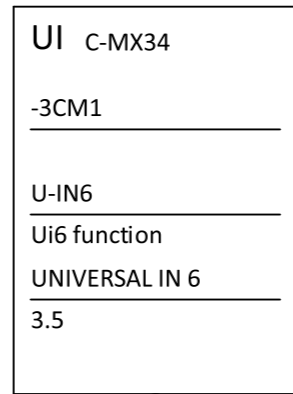
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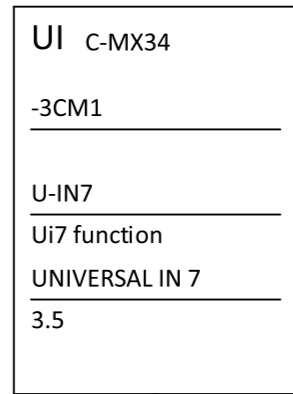
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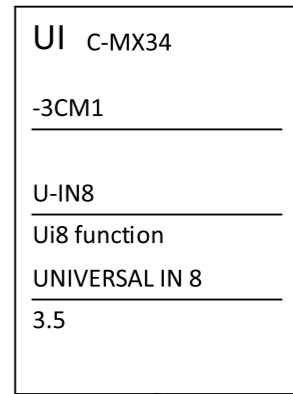
I5



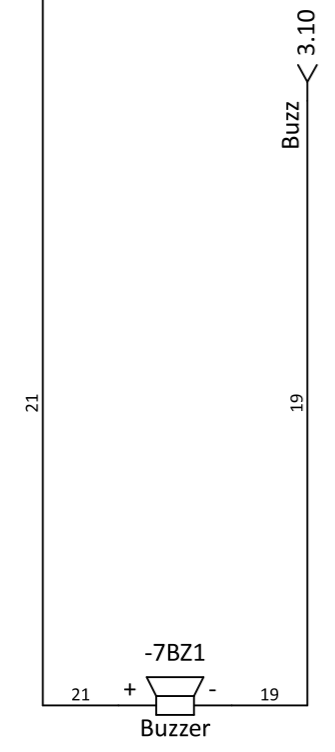
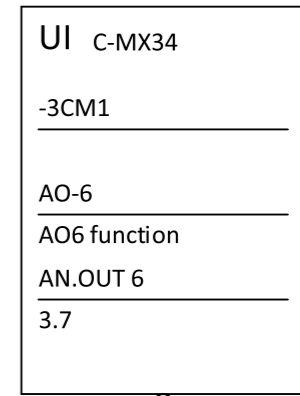
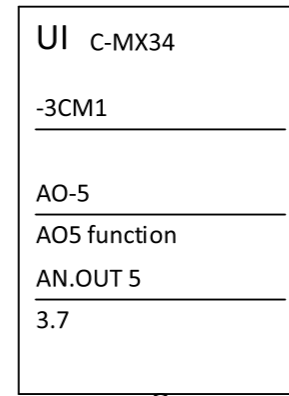
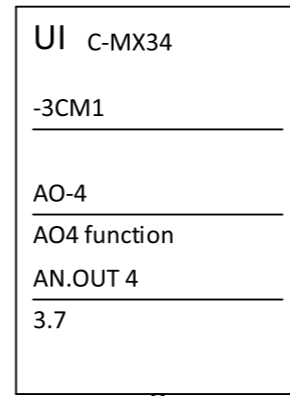
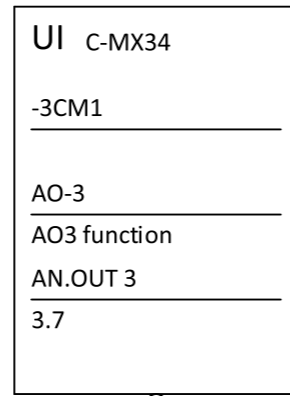
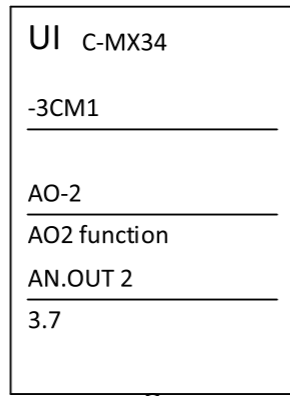
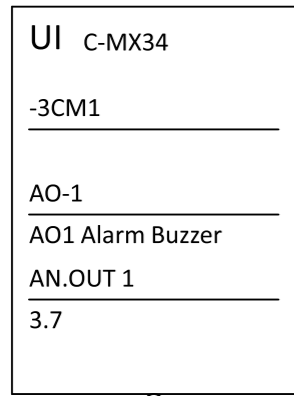
I6

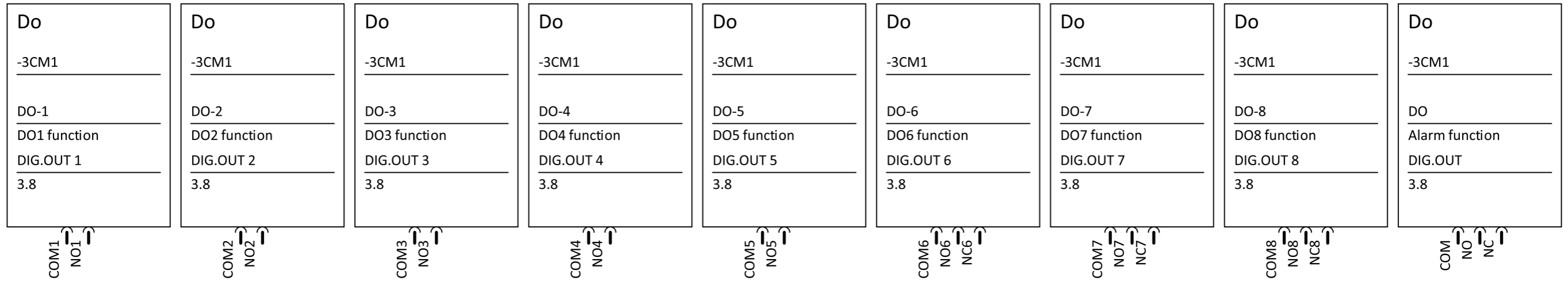


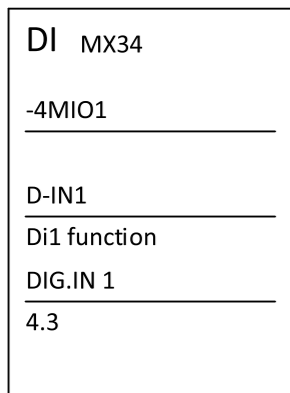
I7



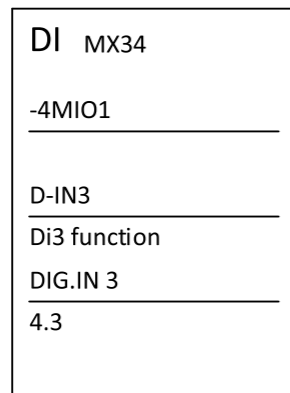
I8



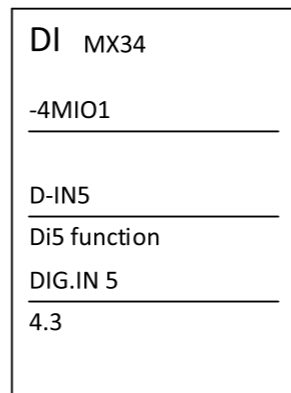




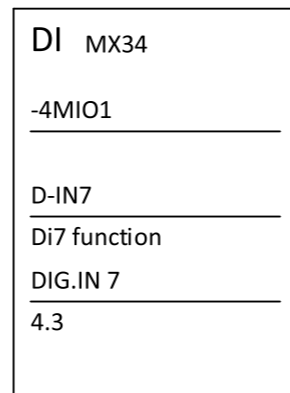
D1



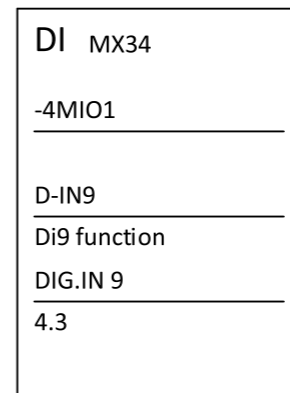
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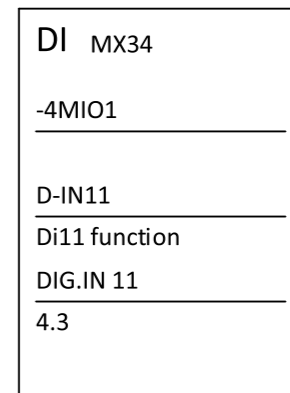
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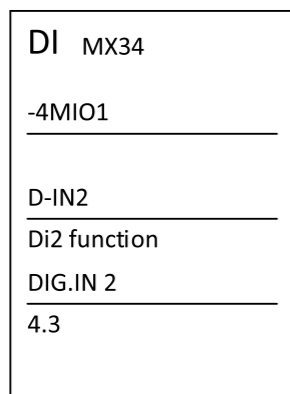
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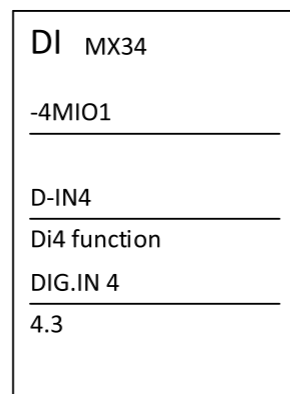
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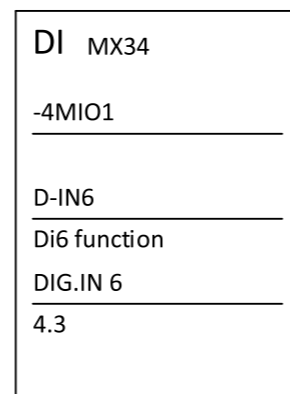
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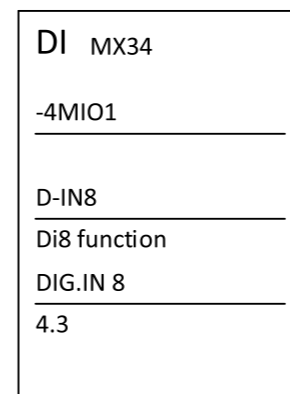
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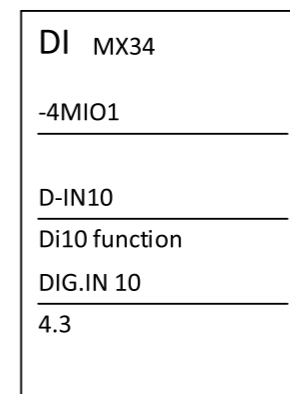
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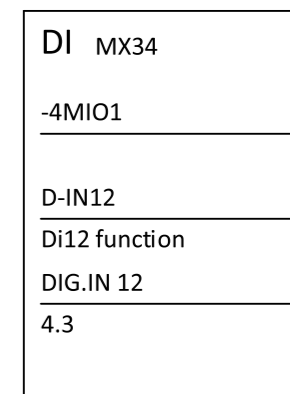
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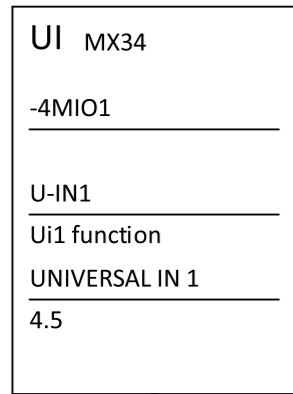
D8



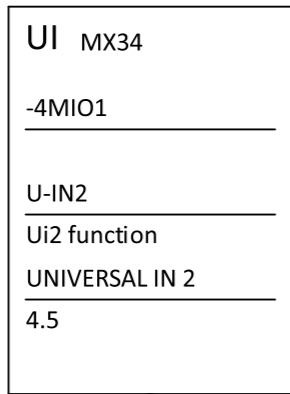
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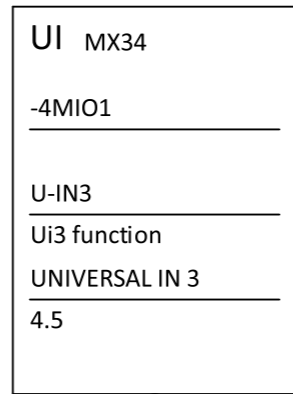
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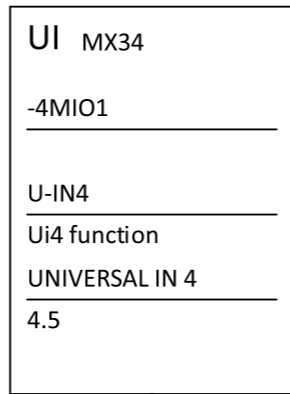
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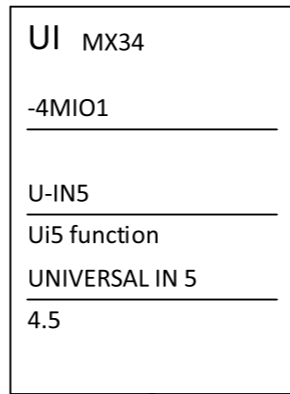
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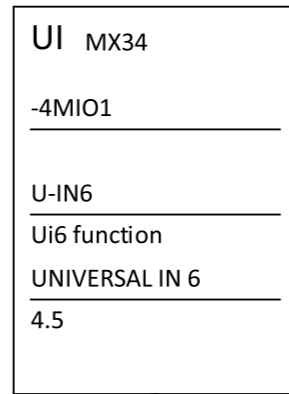
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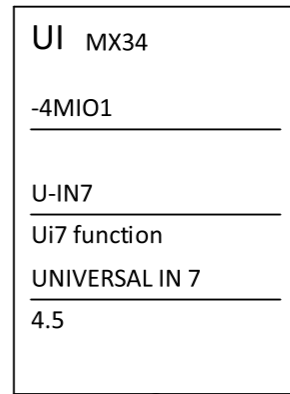
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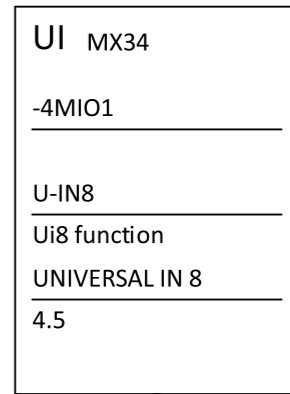
I5



I6

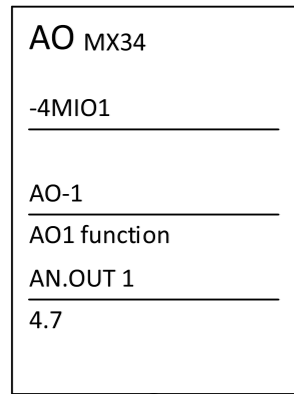


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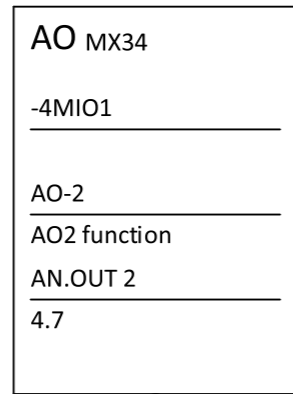


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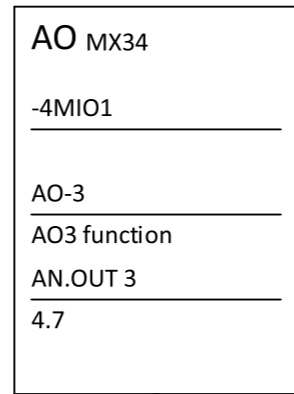
Plot Sheet: 10 of: 17 Plotdate: 29-10-2019



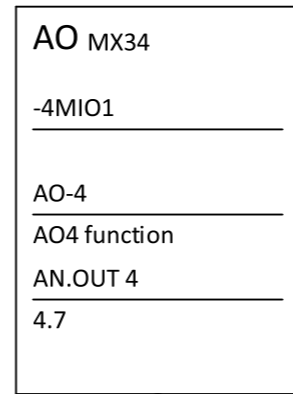
A1 ↑



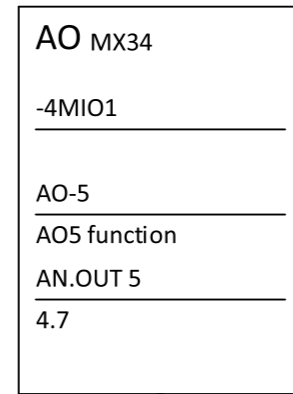
A2 ↑



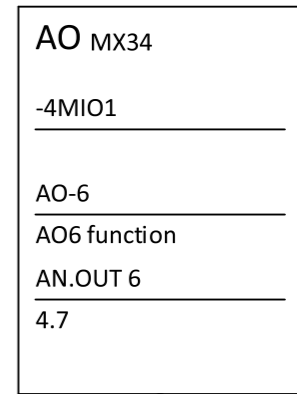
A3 ↑



A4 ↑

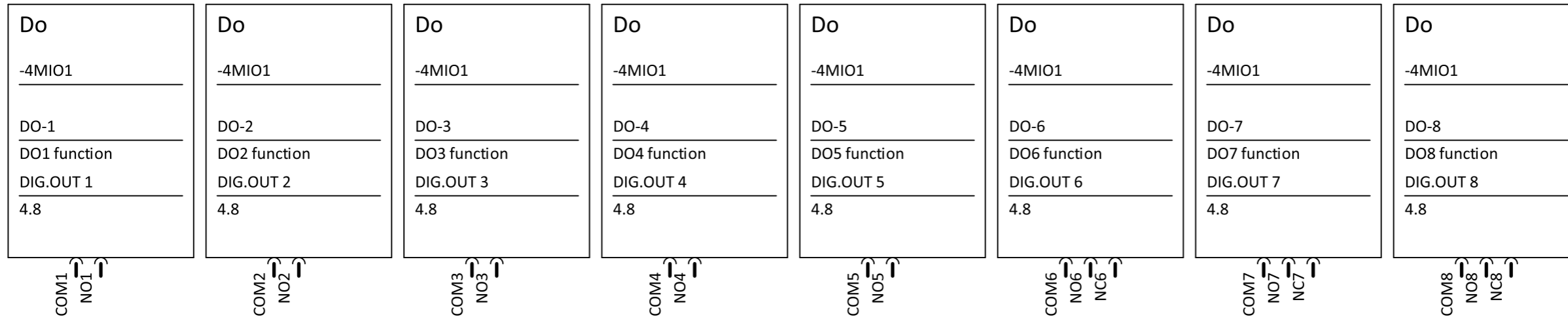


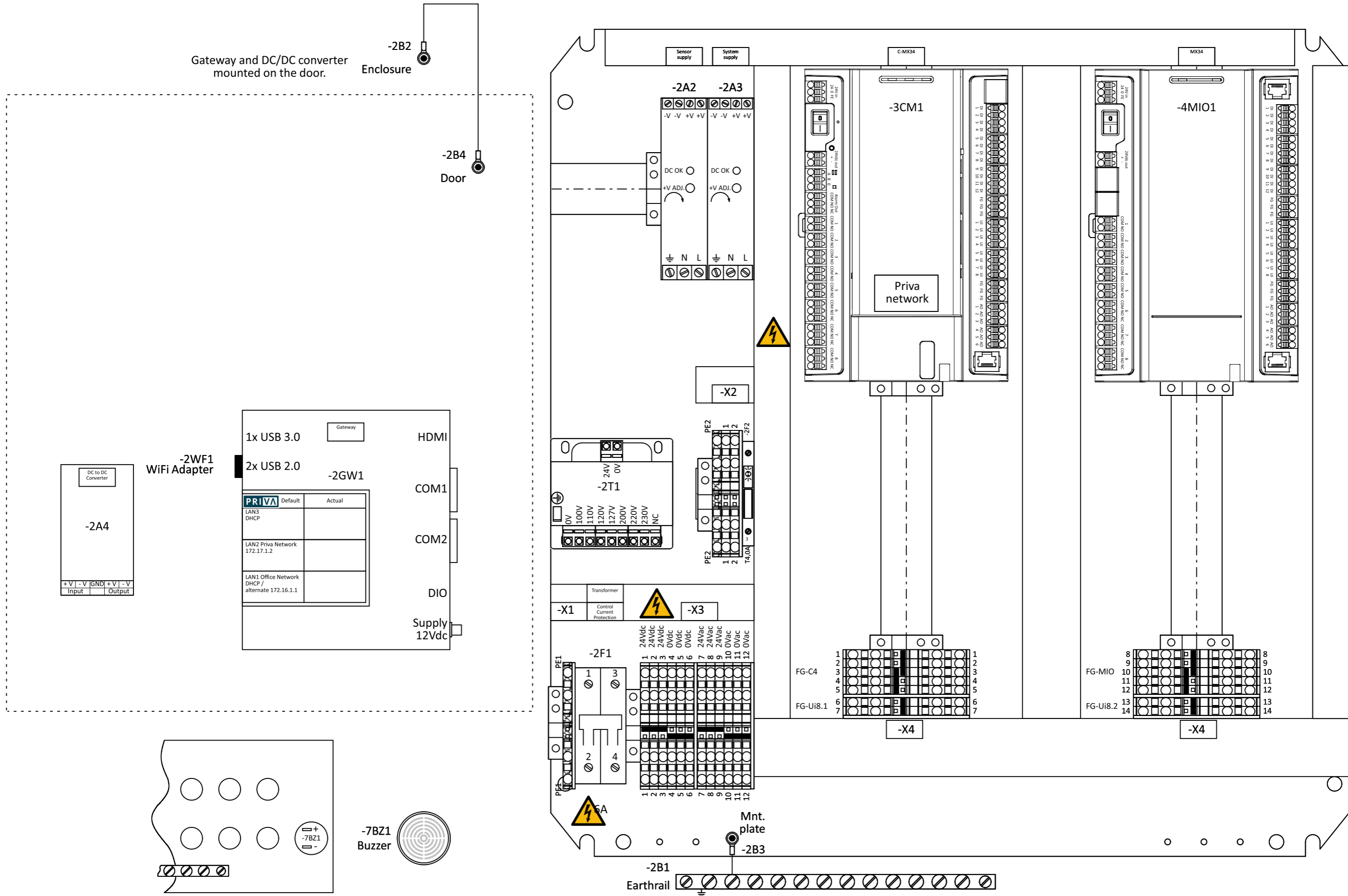
A5 ↑



A6 ↑

Plot Sheet: 11 of 17 Plotdate: 29-10-2019





1x USB 3.0 Gateway

2x USB 2.0 -2GW1

PRIVA	Default	Actual
LAN3 DHCP		
LAN2 Priva Network	172.17.1.2	
LAN1 Office Network DHCP / alternate	172.16.1.1	

HDMI

COM1

COM2

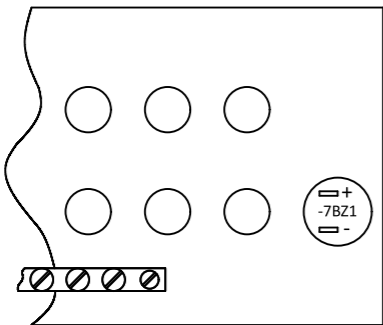
DIO

Supply 12Vdc

DC to DC Converter

-2A4

+V	-V	GND	+V	-V
Input			Output	



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-4MIO1:PE-in
2	9	1	GN	0	0	=Compass+Controlpanel-X2:PE2/hi	=Compass+Controlpanel-3CM1:PE-in
2	10	1	BK	0	0	=Compass+Controlpanel-X2:1/lo	=Compass+Controlpanel-4MIO1:0V-in
2	11	1	BK	0	0	=Compass+Controlpanel-X2:1/hi	=Compass+Controlpanel-2A4:0Vdc
2	12	1	BK	0	0	=Compass+Controlpanel-X2:1/hi	=Compass+Controlpanel-3CM1:0V-in
2	13	1	RD	0	0	=Compass+Controlpanel-X2:2/lo	=Compass+Controlpanel-4MIO1:24V-in
2	14	1	RD	0	0	=Compass+Controlpanel-X2:2/hi	=Compass+Controlpanel-2A4:24Vdc
2	15	1	RD	0	0	=Compass+Controlpanel-X2:2/hi	=Compass+Controlpanel-3CM1:24V-in
2	16	1	VT	0	0	=Compass+Controlpanel-X3:7/lo	=Compass+Controlpanel-X2:3
2	17	1	GNYE	0	0	=Compass+Controlpanel-2B6:1	=Compass+Controlpanel-2A4:GND
3	18	1	GY	0	0	=Compass+Controlpanel-3CM1:FG	=Compass+Controlpanel-X4:1/lo
3	19	1	GY	0	0	=Compass+Controlpanel-X4:1/hi	=Compass+Controlpanel-7BZ1:-
4	20	1	GY	0	0	=Compass+Controlpanel-4MIO1:FG	=Compass+Controlpanel-X4:8/lo
7	21	1	RD	0	0	=Compass+Controlpanel-7BZ1:+	=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	@	-			1	=Compass+Controlpanel-X4:1/hi	=Compass+Controlpanel-X4:2/hi
4	@	-			1	=Compass+Controlpanel-X4:11/hi	=Compass+Controlpanel-X4:12/hi
3	@	-			1	=Compass+Controlpanel-X4:2/hi	=Compass+Controlpanel-X4:3/hi
3	@	-			1	=Compass+Controlpanel-X4:3/hi	=Compass+Controlpanel-X4:4/hi
4	@	-			1	=Compass+Controlpanel-X4:8/hi	=Compass+Controlpanel-X4:9/hi
4	@	-			1	=Compass+Controlpanel-X4:10/hi	=Compass+Controlpanel-X4:11/hi
3	@	-			1	=Compass+Controlpanel-X4:4/hi	=Compass+Controlpanel-X4:5/hi
4	@	-			1	=Compass+Controlpanel-X4:13/hi	=Compass+Controlpanel-X4:14/hi
3	@	-			1	=Compass+Controlpanel-X4:6/hi	=Compass+Controlpanel-X4:7/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
0.90	471303	Cable VMVL 3x0.75mm	Cable
1.00	3471657	Gateway V2 12V power cable 2.5m	Power cable
28.00	3575511	Rail Terminal ST4-Quattro Grey	Terminal
2.00	3575513	Rail Terminal ST4-Quattro PE	Terminal
8.00	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
4.00	3575664	Plug-in Bridge 2 pos.	Plug-in Bridge
8.00	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	3655308	Cable Lug ring 8mm 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
1.00	3655335	Cable Lug ring 8mm 2.5mm ² BU	Cable Lug
52.00	3655371	Cable Terminal Ferrule 1.00 YE	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
25.00	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

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	Orderno:	Serial no:	Project File Name: 31012B005N_Compas-4s-600x600	Function:	Location:	Sheet: 16	Of: 17	

