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# Priva Compass 2X

PANEL #: C-2X  
PART #: 3772103  
Compass 2X


As Built  
02/12/2024

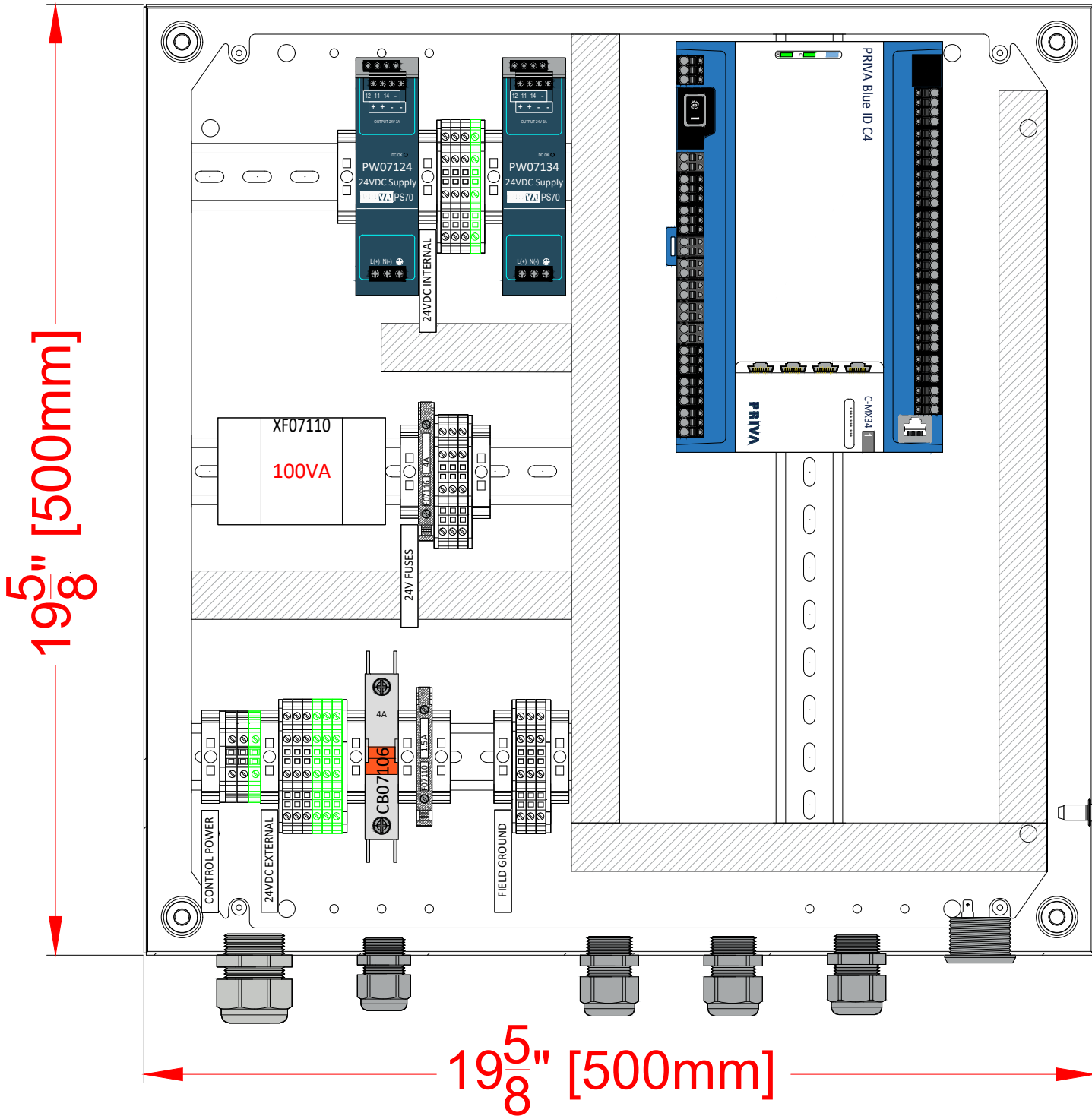
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## Priva North America

3468 South Service Rd., Vineland Station, ON L0R 2E0 Canada  
Telephone: 905-562-7351 Fax: 905-562-7717  
Website: [www.priva.ca](http://www.priva.ca) E-Mail: [priva@priva.ca](mailto:priva@priva.ca)

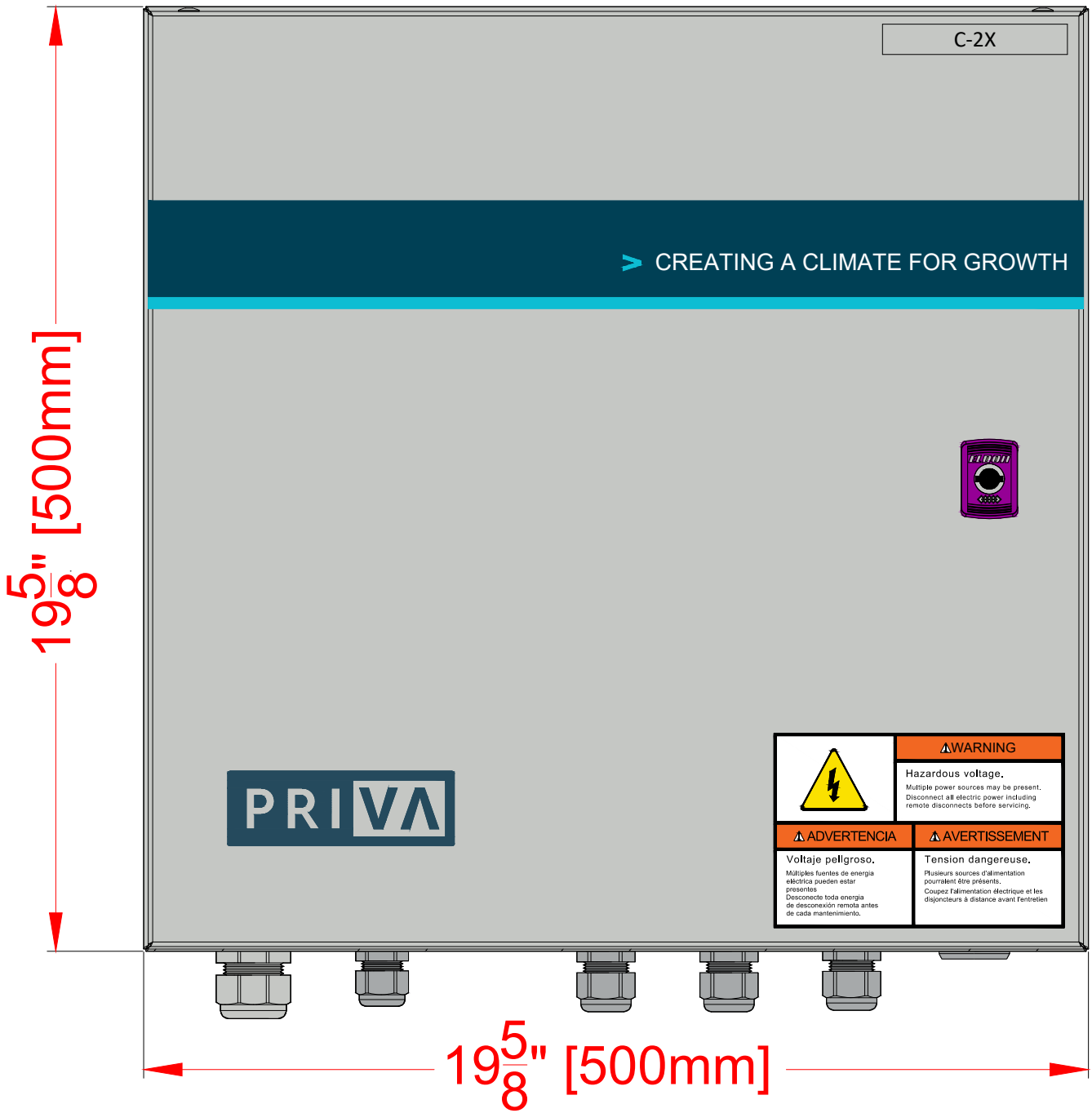
Drawing #	Description 1	Description 2
011	Backplate Layout	
021	Enclosure Layout	
071	120/24V Fuses	
131	C-MX34 (1)Top	Digital & Universal Inputs
132	C-MX34 (1)Top	Analog Outputs
133	C-MX34 (1)Bottom	Power, Communications
134	C-MX34 (1)Bottom	Relay Outputs
951	CSA Label	
962	Bill Of Materials	3772103 Enclosure
975	Nomenclature	
999	Binder Inserts	

				DESIGN BY: EW	Priva Compass 2X	PART NUMBER 3772103	
				TESTED BY:	List Of Drawings	PANEL NUMBER C-2X	
A	DM	02/12/2024	Rev A	START DATE:		DRAWING #	
REV	BY	DATE (M/D/Y)	DESC	10/11/2018		003	



				DESIGN BY: EW	Priva Compass 2X	PART NUMBER 3772103
				TESTED BY:	Backplate Layout	PANEL NUMBER C-2X
A	DM	02/12/2024	Rev A	START DATE: 10/11/2018		DRAWING # 011
REV	BY	DATE (M/D/Y)	DESC			

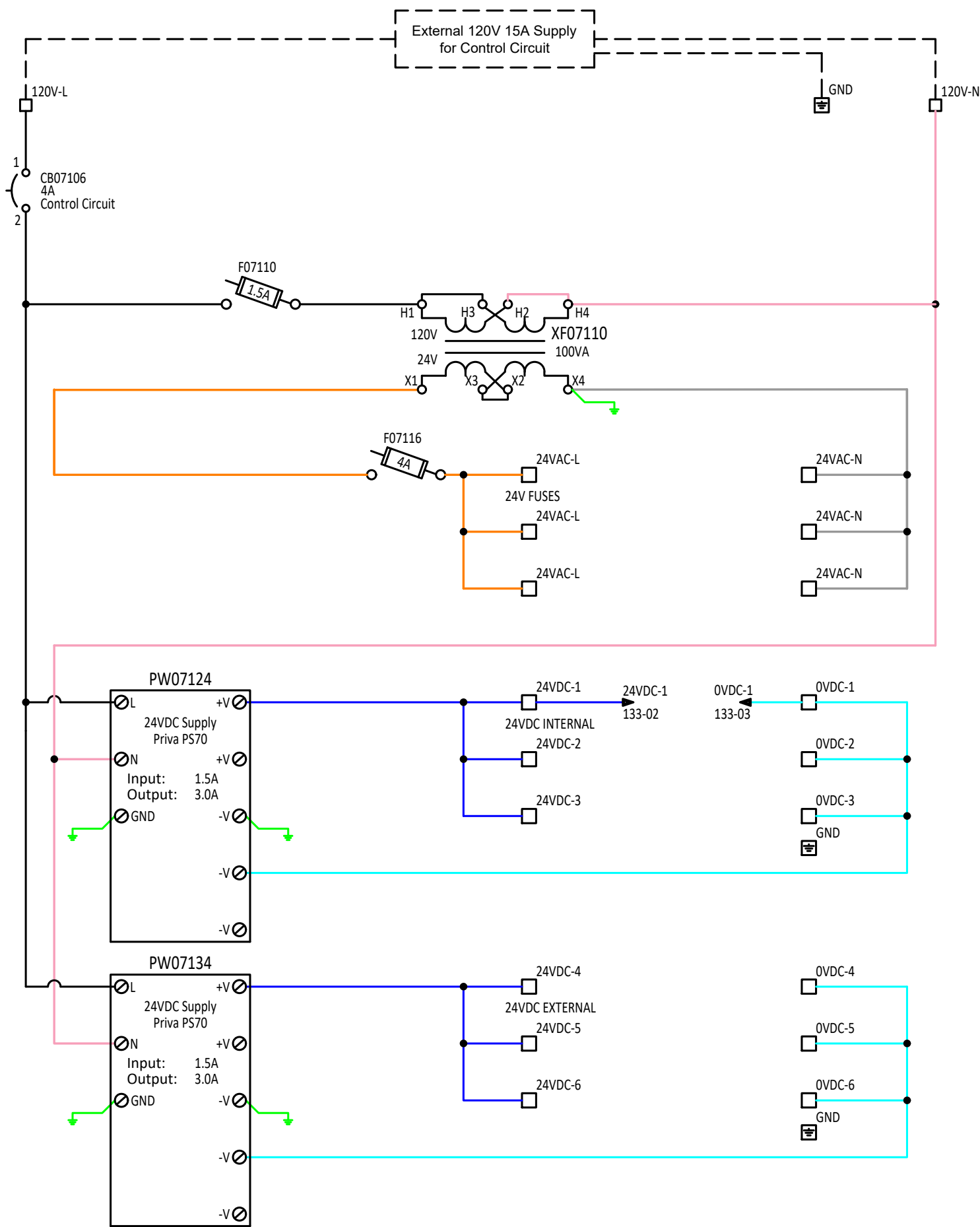




				DESIGN BY: EW	Priva Compass 2X	PART NUMBER 3772103
				TESTED BY:	Enclosure Layout	PANEL NUMBER C-2X
A	DM	02/12/2024	Rev A	START DATE: 10/11/2018		DRAWING # 021
REV	BY	DATE (M/D/Y)	DESC			



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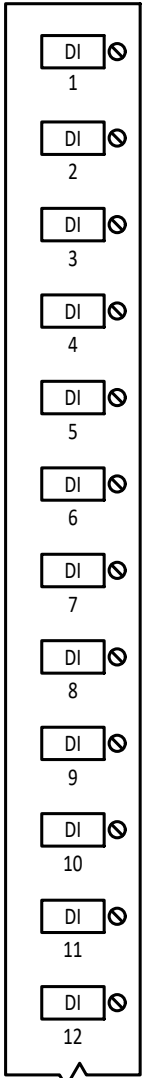


				DESIGN BY: EW	Priva Compass 2X	PART NUMBER 3772103
				TESTED BY:	120/24V Fuses	PANEL NUMBER C-2X
A	DM	02/12/2024	Rev A	START DATE: 10/11/2018		DRAWING # 071
REV	BY	DATE (M/D/Y)	DESC			

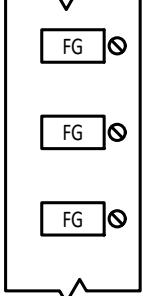


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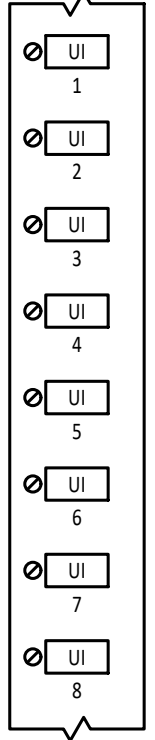
C-MX34(1)  
Digital Inputs



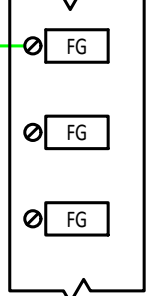
Field Ground



C-MX34(1)  
Universal Inputs



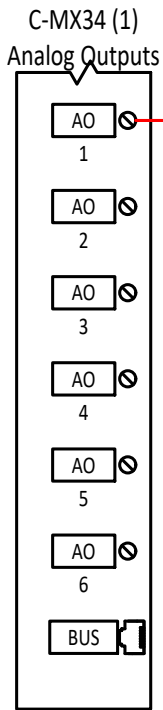
Field Ground



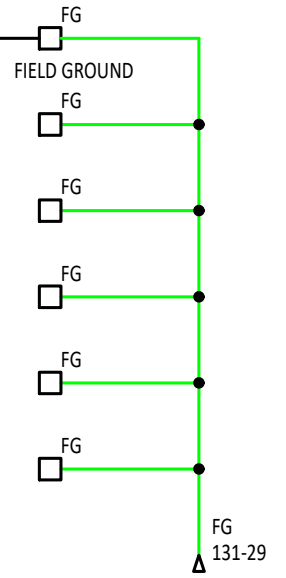
				DESIGN BY:	Priva Compass 2X	PART NUMBER	3772103
				EW			
				TESTED BY:	C-MX34(1) Top	PANEL NUMBER	C-2X
A	DM	02/12/2024	Rev A	START DATE:	Digital & Universal Inputs	DRAWING #	131
REV	BY	DATE (M/D/Y)	DESC	10/11/2018			



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BUZZER



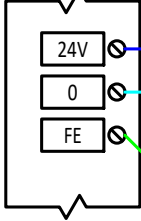
				DESIGN BY: EW	Priva Compass 2X	PART NUMBER 3772103
				TESTED BY:	C-MX34(1) Top	PANEL NUMBER C-2X
A	DM	02/12/2024	Rev A	START DATE: 10/11/2018	Analog Outputs	DRAWING # 132
REV	BY	DATE (M/D/Y)	DESC			



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C-MX34 (1)

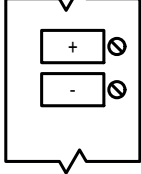
24VAC/DC IN



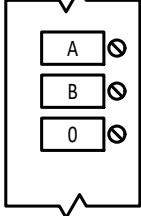
24VDC-1  
071-24

0VDC-1  
071-24

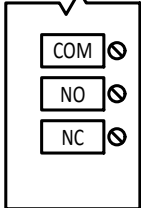
24VDC/DC OUT



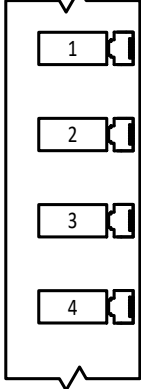
RX/TX



Alarm Out



Network



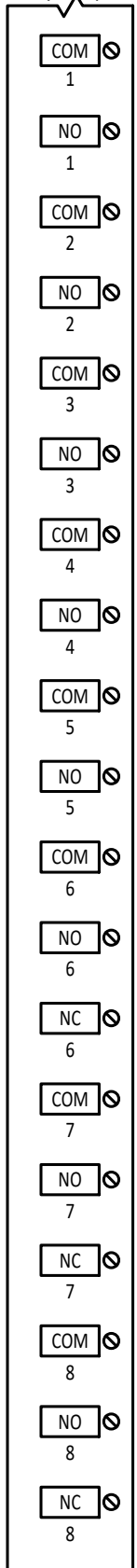
				DESIGN BY: EW	Priva Compass 2X	PART NUMBER 3772103
				TESTED BY:	C-MX34(1) Bottom	PANEL NUMBER C-2X
A	DM	02/12/2024	Rev A	START DATE: 10/11/2018	Power, Communications	DRAWING # 133
REV	BY	DATE (M/D/Y)	DESC			





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C-MX34(1)  
Relay Outputs



				DESIGN BY:	Priva Compass 2X	PART NUMBER	3772103
				TESTED BY:	C-MX34(1) Bottom	PANEL NUMBER	C-2X
A	DM	02/12/2024	Rev A	START DATE:	Relay Outputs	DRAWING #	134
REV	BY	DATE (M/D/Y)	DESC	10/11/2018			





# C-2X

Compass 2X

ENCLOSURE TYPE: 12

PART NO: 3772103



SUPPLY VOLTAGE: 120VAC-1Ø  
SUPPLY AMPERAGE: 15A

SUPPLY VOLTAGE: N/A  
SUPPLY AMPERAGE: N/A

TOTAL OUTGOING HP: N/A  
CONTROL VOLTAGE: 120VAC-1Ø  
CONTROL AMPERAGE: 4A  
Hz: 60Hz

KAIC RATING: N/A



# C-2X

Compass 2X

ENCLOSURE TYPE: 12

PART NO: 3772103



SUPPLY VOLTAGE: 120VAC-1Ø  
SUPPLY AMPERAGE: 15A

SUPPLY VOLTAGE: N/A  
SUPPLY AMPERAGE: N/A

TOTAL OUTGOING HP: N/A  
CONTROL VOLTAGE: 120VAC-1Ø  
CONTROL AMPERAGE: 4A  
Hz: 60Hz

KAIC RATING: N/A



# C-2X

Compass 2X

ENCLOSURE TYPE: 12

PART NO: 3772103



SUPPLY VOLTAGE: 120VAC-1Ø  
SUPPLY AMPERAGE: 15A

SUPPLY VOLTAGE: N/A  
SUPPLY AMPERAGE: N/A

TOTAL OUTGOING HP: N/A  
CONTROL VOLTAGE: 120VAC-1Ø  
CONTROL AMPERAGE: 4A  
Hz: 60Hz

KAIC RATING: N/A

CAUTION: REPLACE FUSE WITH SAME TYPE AND RATING.

ATTENTION: REMPLACE LES FUSIBLES AVEC MEME TYPE ET CLASSEMENT

PRECAUCION: REEMPLACE LOS FUSIBLES CON EL MISMO TIPO Y CLASIFICACION

120V Fuse		24V XF07110 Fuse	
F07110	1.5A	F07116	4A

Quantity	Catalog	Manufacturer	Description
1	3651124	KINGSTATE	4-28VDC PZ INDCTR 85DB KPEG750
1	3656163	PRIVA	Enclosure Compass 500x500x210
2	3659062	PRIVA	POWERSUPPLY PRIVA 72W 24VDC 3A 100-240VAC
1	5210001	PRIVA	CONTROLLER, C4, C-MX34, BLUE ID
1	3653033	PRIVA	TRANSFORMER (BLOCK) 100-230V / 100VA / 24V
3	E015290	BUSSMANN	FUSE 5x20, 1.5 Amp 250V SLOW CSA/UL
3	E015710	BUSSMANN	FUSE 5x20, 4.0 Amp 250V SLOW CSA/UL
2	E021130	PHOENIX CONTACT	TERMINAL, PHX, 1D, #10, 6.2mm GRAY- UT 4
12	E021200	PHOENIX CONTACT	TERMINAL, PHX, 2D,#10, 5.2mm UTTB 2,5
1	E022001	PHOENIX CONTACT	FUSE HOLDER, PHX, 1D w LIGHT IND, 24V
1	E022002	PHOENIX CONTACT	FUSE HOLDER, PHX, 1D w LIGHT IND, 250V
4	E022054	PHOENIX CONTACT	TERMINAL, PHX, 2D,#10, 5.2mm UTTB 2,5-PE
1	E022055	PHOENIX CONTACT	GROUND TERMINAL, PHX, UT 4-PE
4	E023000	PHOENIX CONTACT	END SECTION, PHX, D-UTTB 2,5/4
1	E023013	PHOENIX CONTACT	END SECTION, PHX, D-UT 2,5/10
4	E023075	PHOENIX CONTACT	SPACER PLATE, PHX, DP-UTTB 2,5/4
60	E023120	PHOENIX CONTACT	MARKER CARD, PHX, WHITE, UNPRINTED UCT-TM5
10	E023121	PHOENIX CONTACT	MARKER CARD, PHX, WHITE, UNPRINTED UCT-TM6
5	E023122	PHOENIX CONTACT	MARKER CARD, PHX, WHITE, UNPRINTED, US-EMP (44x7)
5	E023170	PHOENIX CONTACT	MARKER CARD HOLDER, PHX, KLM-A
24	E023211	PHOENIX CONTACT	BRIDGE, FIXED, 50 Pos. FBS 50-5
12	E023300	PHOENIX CONTACT	END STOP, DIN RAIL, E/NS 35 N
1	E039297	SPRECHER	CIRCUIT BREAKER, MINI 4A 1 POLE C-CURVE
2	E070650	BIMED	Cable Connector, Pg 13 Plastic
6	E070700	BIMED	CABLE CONNECTOR, PG 16 PLASTIC
2	E070730	BIMED	CABLE CONNECTOR, PG 21 PLASTIC
1	W050060	EDP	WIRE, 96" #18 BLACK C/W FERRULE O/E
2	W050070	EDP	WIRE, 96" #18 ORANGE C/W FERRULE O/E
1	W060010	EDP	WIRE, #18/16 AWG WHITE TEW
2	W060030	EDP	WIRE, #18/16 AWG BLUE TEW
3	W060050	EDP	WIRE, #18/16 AWG GREEN TEW
2	W060075	EDP	WIRE, #18/16 AWG WHITE w/ BLUE STRIPE TEW
2	W060090	EDP	WIRE, #18/16 AWG GRAY TEW
1	W060130	EDP	WIRE, #16/26 AWG BLUE TEW
1	W060175	EDP	WIRE, #16/26 AWG BLUE w/ WHITE STRIPE TEW
1	W060250	EDP	WIRE, #14/41 AWG GREEN TEW
1	Z010031	PRIVA	LABEL, WARNING 'HAZARDOUS VOLTAGE'
3	Z010033	PRIVA	LABEL, "NO CONDUIT ENTRY", RED
1	Z010380	PRIVA	LABEL, BLANK, 8.5" x 11", BRADY
4	Z010404	PHOENIX CONTACT	LABEL, COMPONENT, PHOENIX

				DESIGN BY: EW	Priva Compass 2X	PANEL SERIAL 3772103
				TESTED BY:	Bill Of Materials	PANEL NUMBER C-2X
A	DM	02/12/2024	Rev A	START DATE: 10/11/2018	3772103 Enclosure	DRAWING # 962
REV	BY	DATE (M/D/Y)	DESC			



Module Labeling for Controller/Input/Output devices works as follows.  
 Device Type Row - Column.

Example: A UI8 Input Module in row 1 in the second slot would be UI8 1-2.

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Component labeling works as follows.                      Component Type/Drawing #/Rung #

Example: A Transformer on drawing 141 rung 01 will be XF14101.

Component Naming Codes:

XF	Transformer - Typical: Hammond 120/24Vac Step-down Isolation Transformer
F	Fuse - Typical: 250/24Vac Slow-Blow 5x20mm fuse in Phoenix Contact Hinged Fuse Holder

Priva Compass (C4) Modules:

Control/Communications Modules	
C-MX34	C-MX34 Control Module w/Mixed I/O
MX34	MX34 Expansion Module w/Mixed I/O
Gateway	Gateway Compass Industrial PC
Dongle	Dongle USB WiFi, 2.4Ghz
Input Modules	
UI8	UI8 Module with 8 Universal Inputs (Analog or Digital)
UI8S	UI8S Module with 8 Universal Inputs (Analog or Digital) w/Signalling
Digital Output Modules	
DOR6	DOR6 Module with 6 Relay Outputs
DOR6M	DOR6M Module with 6 Relay Outputs and Manual Override

				DESIGN BY: EW	Priva Compass 2X	PANEL SERIAL 3772103
				TESTED BY:	Nomenclature	PANEL NUMBER C-2X
A	DM	02/12/2024	Rev A	START DATE:		DRAWING # 975
REV	BY	DATE (M/D/Y)	DESC	10/11/2018		



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Compass 2X  
As Built  
02/12/2024



# Priva Compass 2X

Compass 2X  
As Built  
02/12/2024



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Compass 2X  
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