

PROJECT:

C00624

DOCUMENT NUMBER:

DW00624

COMPANY:

REM

DESIGNER:

S.A

DATE :

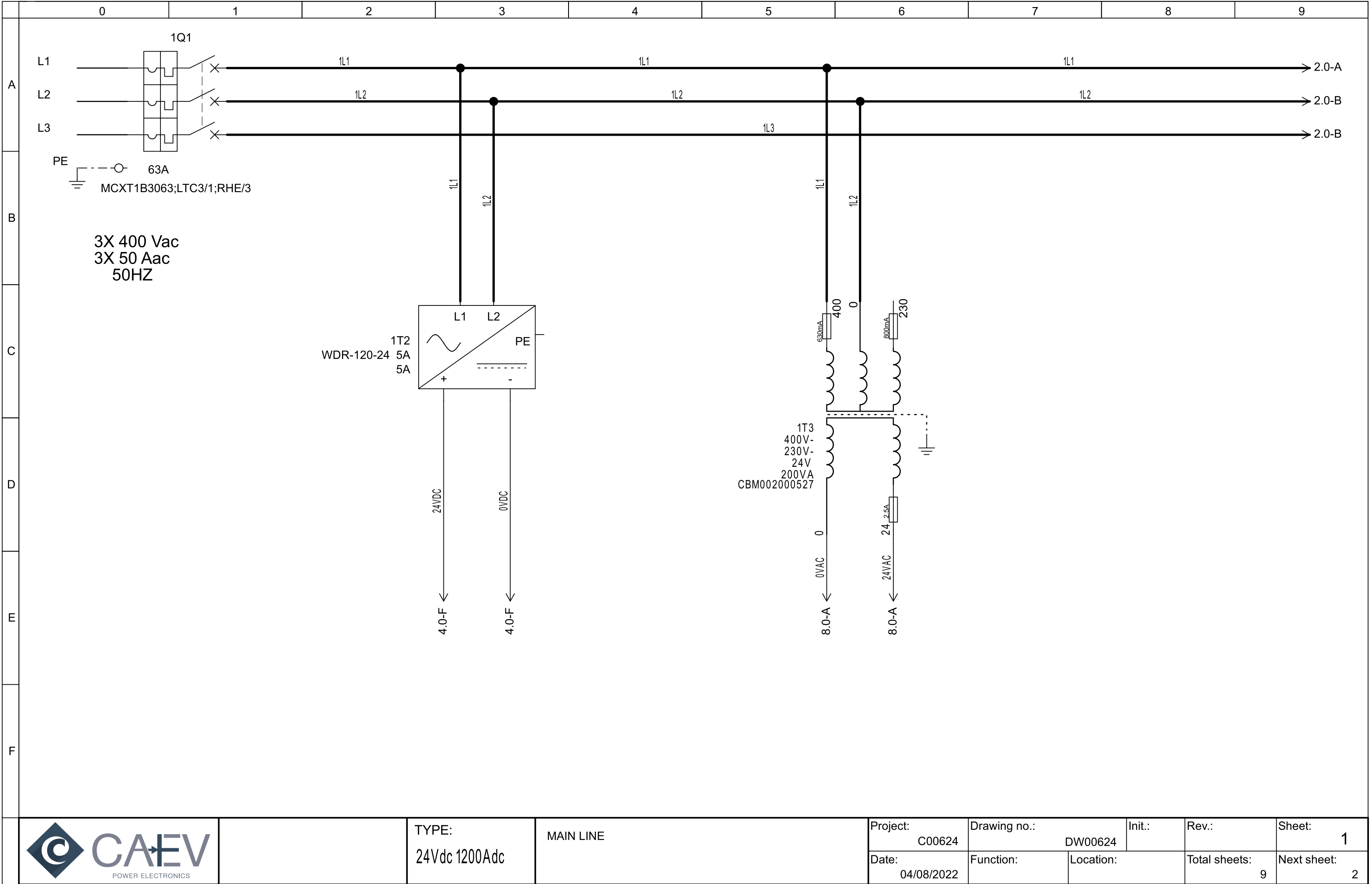
11/01/2024

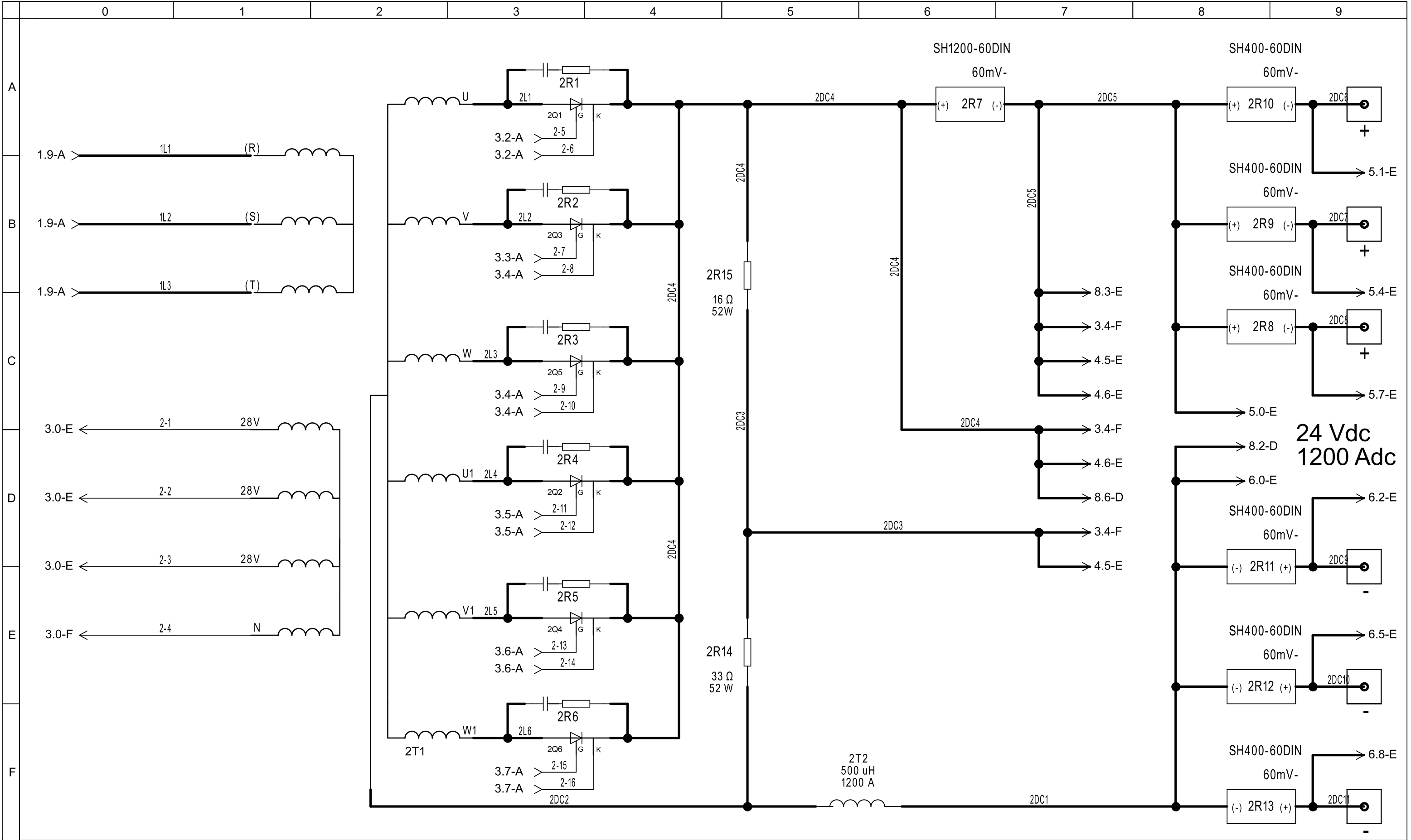
CONTENT	24Vdc 1200Adc
POWER SUPPLY:	3 X 400Vac
AUX POWER SUPPLY:	24VAC 230VAC 24VDC
FREQUENCY:	50Hz
INPUT CURRENT:	3 X 50Aac



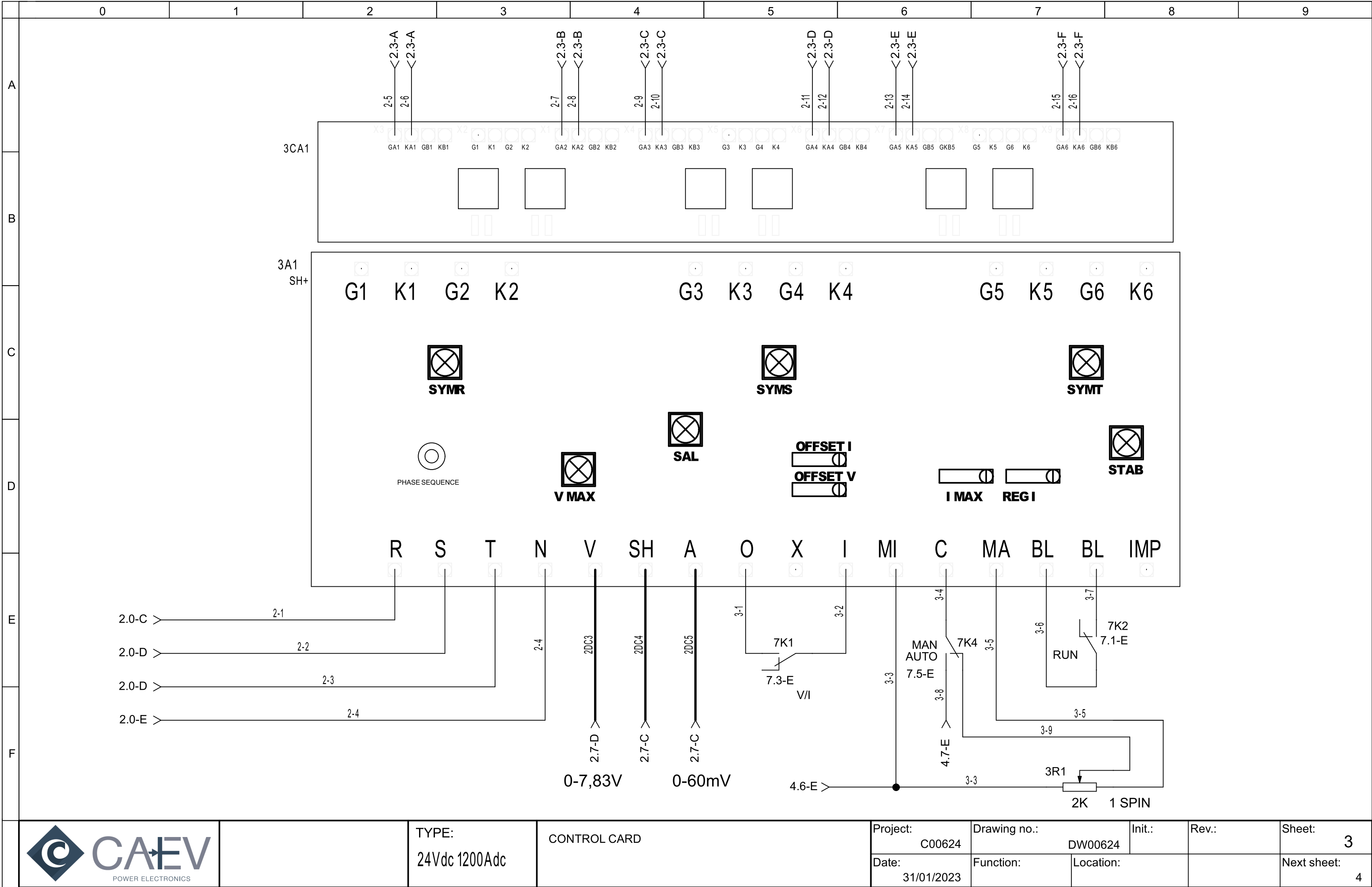
VIA E. ROSELLI ,10 BRESCIA (ITALY)
Tel. 030-3581710 Fax 030-3581539
e-mail: tecnico@caev.it - www.caev.it

Rev.	MODIFICATION	DATE	PREPARED	CHECKED
				APPROVED





TYPE: 24Vdc 1200Adc	POWER CIRCUIT DC	Project: C00624	Drawing no.: DW00624	Init.:	Rev.:	Sheet: 2
		Date: 04/08/2022	Function:	Location:	Total sheets: 9	Next sheet: 3



OFFSET V

I MAX

REG I

STAB

STAB

R S T N V SH A O X I MI C MA BL BL IMP

2-1

2-2

2-3

2-4

2DC3

2DC4

2DC5

3-1

3-2

3-3

3-4

3-5

3-6

3-7

3-8

3-9

4.6-E

4.7-E

2.0-C

2.0-D

2.0-D

2.0-E

2.7-D

2.7-C

2.7-C

7K1

7.3-E

MAN

AUTO

7.5-E

7K4

RUN

7K2

7.1-E

3R1

2K

1 SPIN

0-7,83V

0-60mV

V/I

CAEV

POWER ELECTRONICS

TYPE:

24Vdc 1200Adc

CONTROL CARD

Project:

C00624

Drawing no.:

DW00624

Init.:

Rev.:

Sheet:

3

Date:

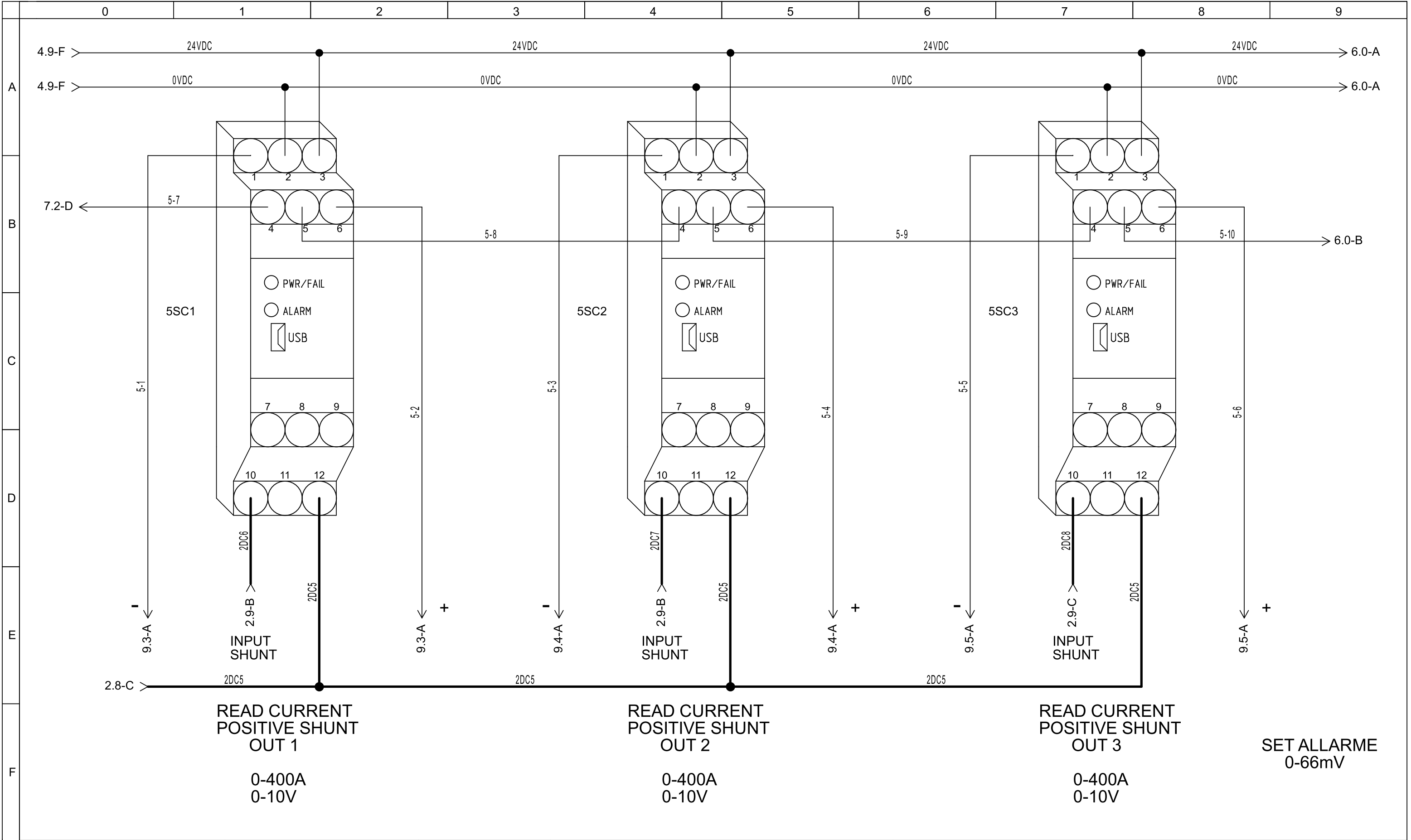
31/01/2023

Function:

Location:

Next sheet:

4



READ CURRENT
POSITIVE SHUNT
OUT 1

0-400A
0-10V

READ CURRENT
POSITIVE SHUNT
OUT 2

0-400A
0-10V

READ CURRENT
POSITIVE SHUNT
OUT 3

0-400A
0-10V

SET ALLARME
0-66mV



TYPE:
24Vdc 1200Adc

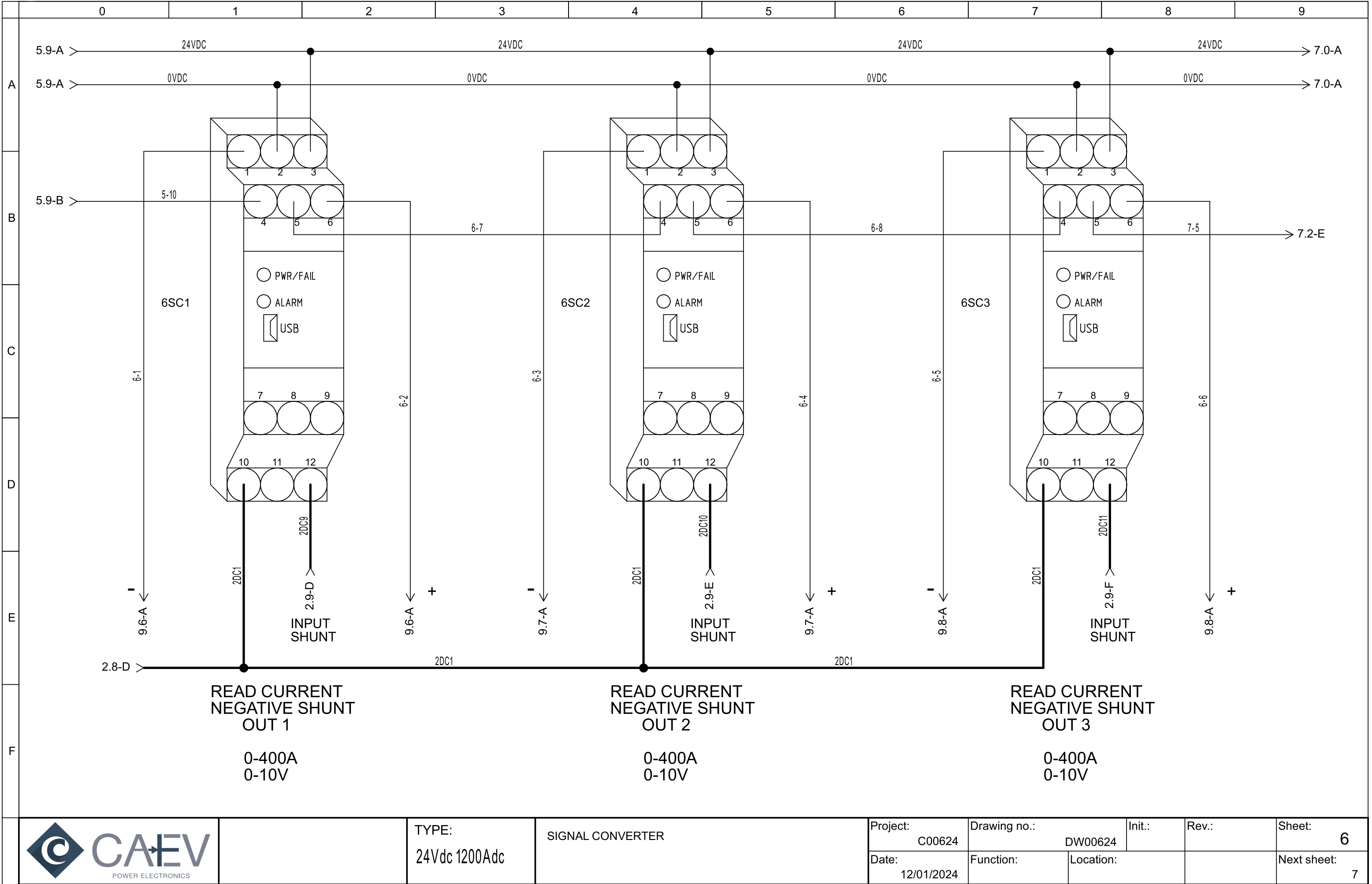
SIGNAL CONVERTER

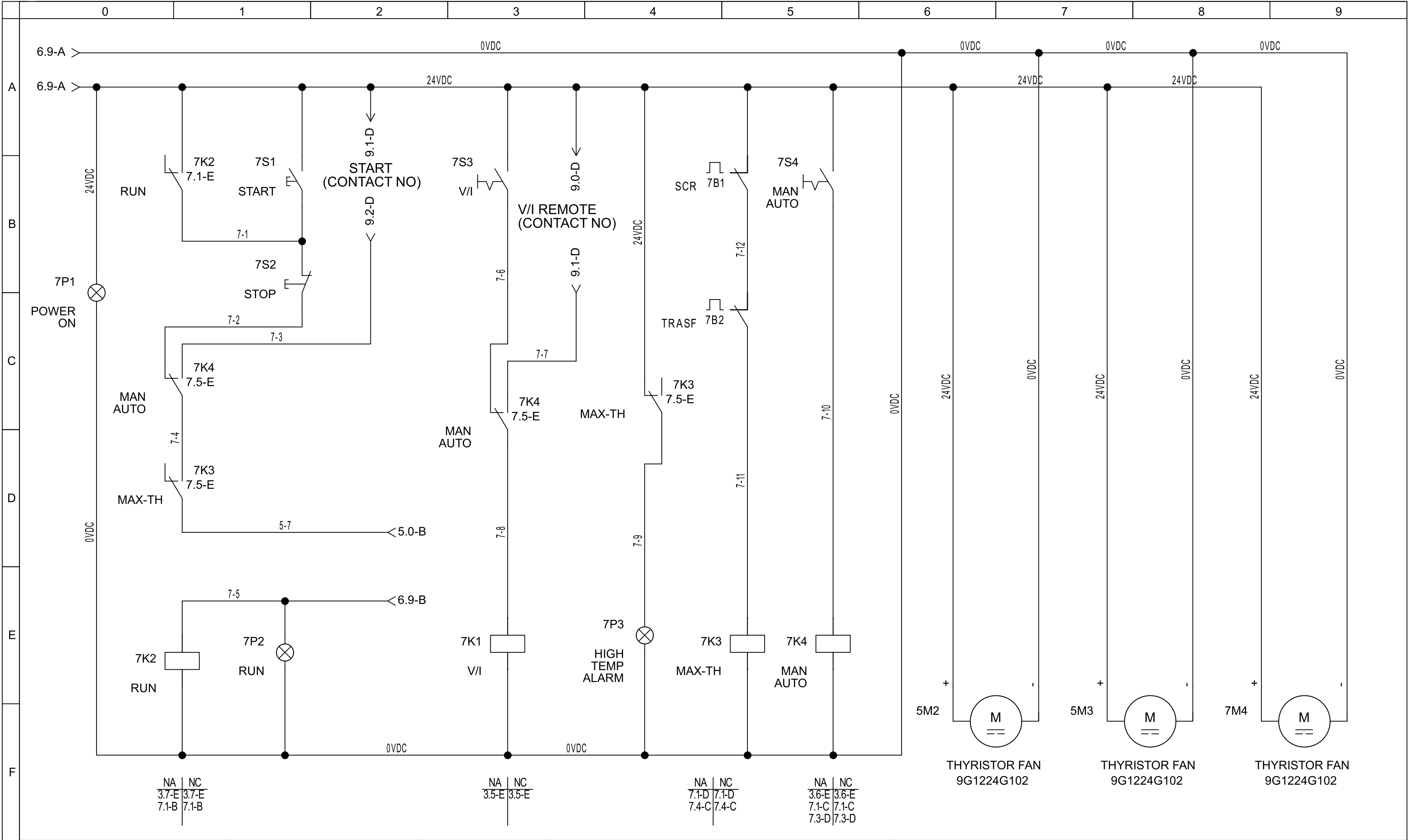
Project:
C00624
Date:
12/01/2024

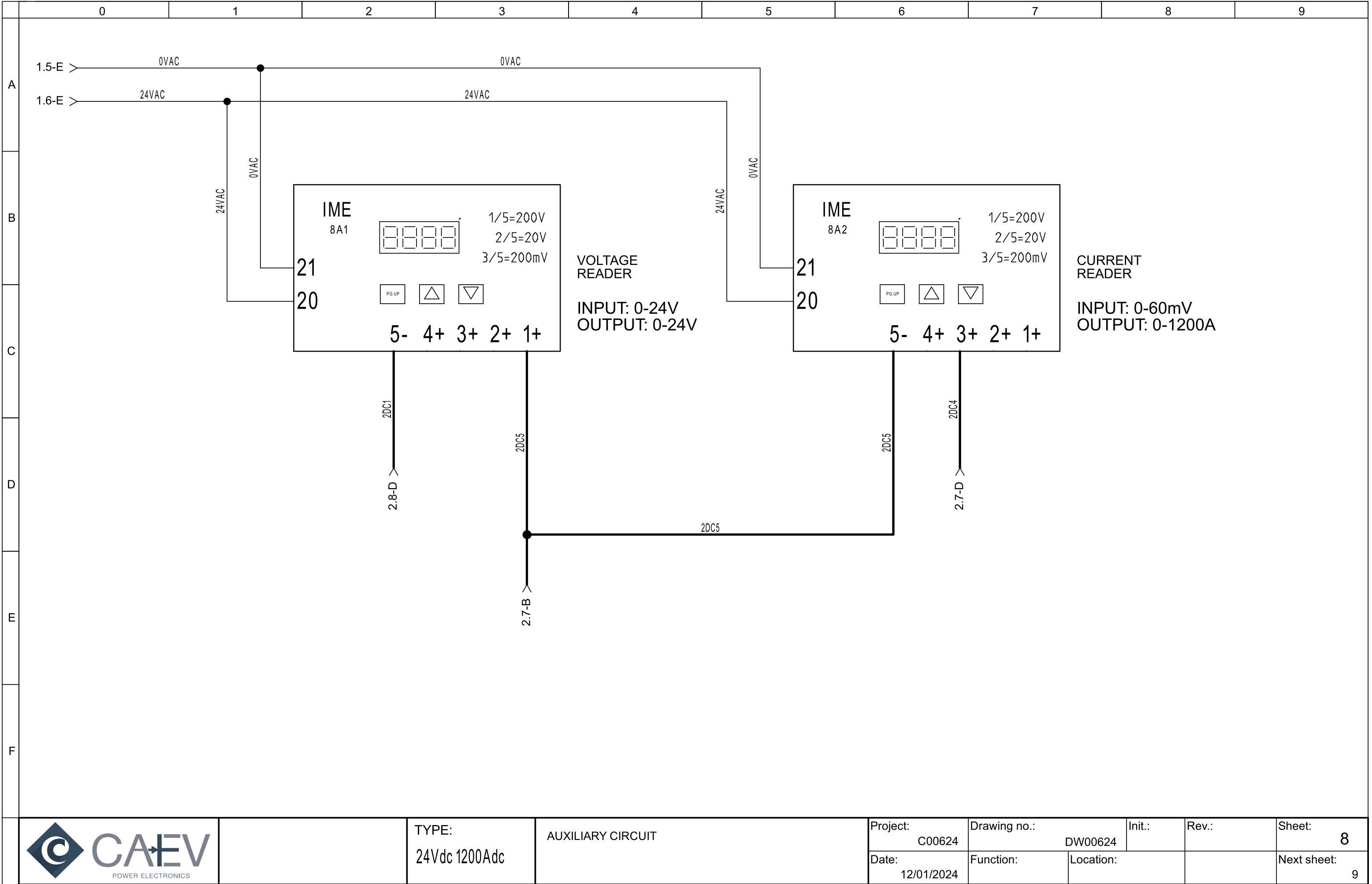
Drawing no.:
DW00624
Function:
Location:

Init.:
Rev.:

Sheet:
5
Next sheet:
6







CAEV

POWER ELECTRONICS

TYPE:
24Vdc 1200Adc

AUXILIARY CIRCUIT

Project:
C00624

Drawing no.:
DW00624

Date:
12/01/2024

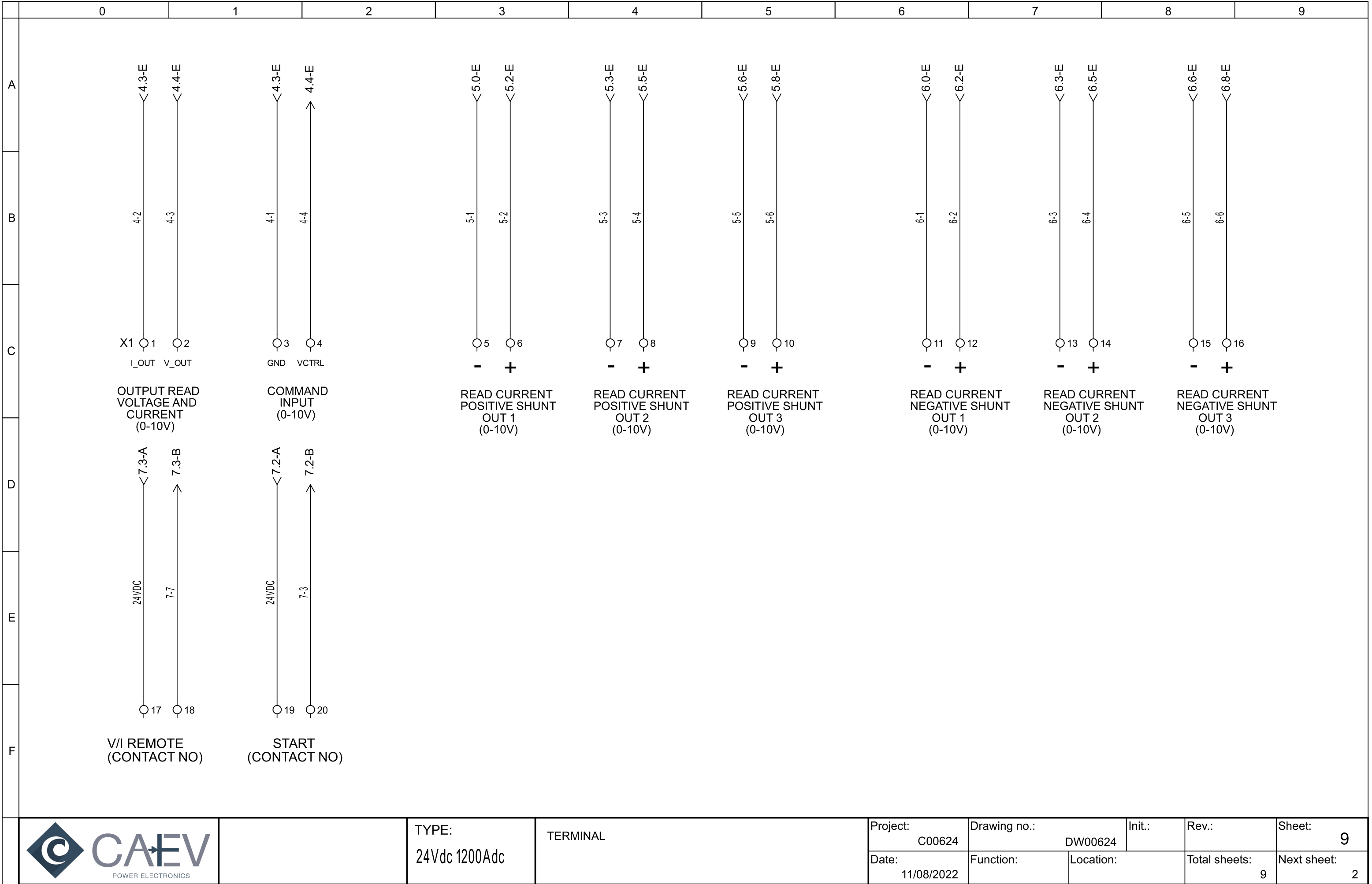
Init.:

Rev.:

Location:

Sheet:
8

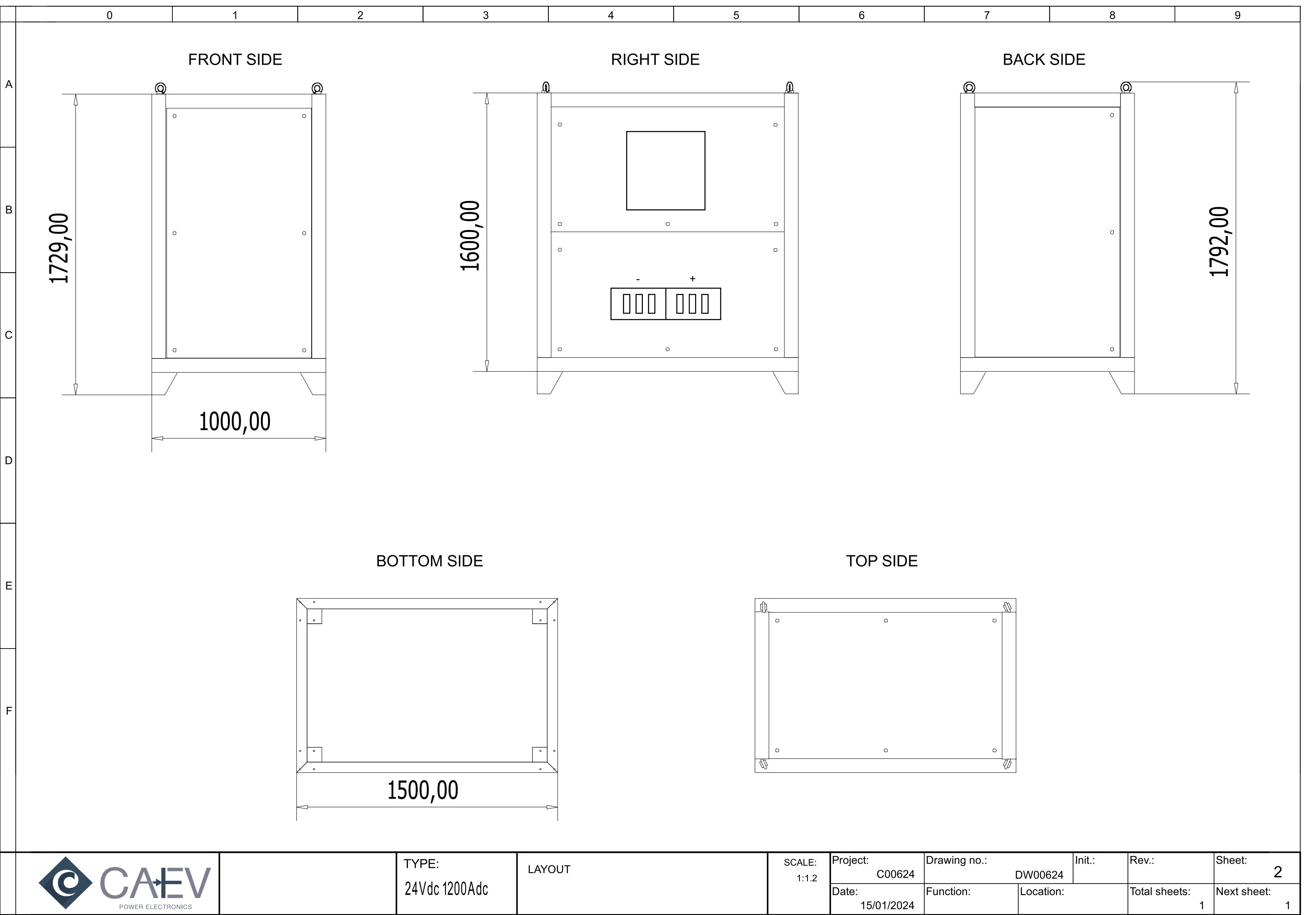
Next sheet:
9

COMMAND
INPUT
(0-10V)

TYPE:
24Vdc 1200Adc

TERMINAL

Project: C00624	Drawing no.: DW00624	Init.:	Rev.:	Sheet: 9
Date: 11/08/2022	Function:	Location:	Total sheets: 9	Next sheet: 2



INDEX

SHEET	TYPE DOCUMENT	DESCRIPTION	REVISION			
1	Table of Contents					
2	Table of Contents					
1	Cover					
1	Circuit diagrams	AUXILIARY PRIMARY CIRCUIT BEFORE BREAKER				
2	Circuit diagrams	POWER CIRCUIT AC				
3	Circuit diagrams	POWER CIRCUIT AC				
4	Circuit diagrams	AUXILIARY CIRCUIT EMERGENCY				
5	Circuit diagrams	FAN CIRCUIT				
6	Circuit diagrams	POWER CIRCUIT DC				
7	Circuit diagrams	SIGNAL CONVERTERS				
8	Circuit diagrams	CONTROL CARD REFERENCE				
9	Circuit diagrams	PLC LAY-OUT				
10	Circuit diagrams	PLC LAY OUT				
11	Circuit diagrams	HMI				
12	Circuit diagrams	DI_0-7 CPU				
13	Circuit diagrams	DI 0-5 CPU				
14	Circuit diagrams	DO 0-7 CPU				
15	Circuit diagrams	D0 0-2 CPU				
16	Circuit diagrams	DI 0-7 EXP				
17	Circuit diagrams	DI 0-7 EXP				
18	Circuit diagrams	DO 0-7 EXP				
19	Circuit diagrams	DO 0-7 EXP				
20	Circuit diagrams	AUXILIARY				
21	Circuit diagrams	TERMINAL X1 /X2				
22	Circuit diagrams	TERMINAL X2				
23	Circuit diagrams	TERMINAL X3				
1	Panel	RECTIFIER TAG				
2	Panel	LAYOUT				
3	Panel	VIEW DOOR				
4	Panel	INTERNAL CABINET VIEW				
REVISION		EDIT	CAEV POWER ELECTRONICS	PROJECT: C00624		SHEET 1
				S/N: DW00624		
				CUSTOMER: REM		DI 2
				TITLE:		2 ◀▶ 2
DATE		SIGN		DIS.: S.A		
			DATE: 11/01/2024			

INDEX

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PART LIST

TAG (-)	CODE	DESCRIPTION	PRODUCTION
X1	PT 2,5	FEED-THROUGH TERMINAL BLOCK, PUSH-IN CONNECTION, CROSS SECTION: 0.14mm2 - 4mm2, AWG: 26 - 12	PHOENIX CONTACT
1Q1	RHE/3	MANOVRA RINVIATA PER MCXT1-3	AEG
1Q1	MCXT1B3063	BREAKER 63A 3P 18KA	AEG
1Q1	LTC3/1	TERMINAL COVER 3P FOR MCXT1	AEG
1T2	WDR-120-24 5A	POWER SUPPLY 90-264 VAC/124-370 VDC,OUT 24.0V, 5A,120WATT	MEAN WELL
1T3	CBM002000527	AUTOTRANSFORMER 400V-230V-24V 200VA	ITALWEBER
2Q1	MCT600.10.416F3	POWERBLOCK 2 SCR COMMON CATHODE 600A 1000V	SCOMES
2Q1	PA12360127/300	HEATSINK ALUMINUM PA12 360X127 L:300	MECCAL
2Q4	MCT600.10.416F3	POWERBLOCK 2 SCR COMMON CATHODE 600A 1000V	SCOMES
2Q4	PA12360127/300	HEATSINK ALUMINUM PA12 360X127 L:300	MECCAL
2Q5	MCT600.10.416F3	POWERBLOCK 2 SCR COMMON CATHODE 600A 1000V	SCOMES
2Q5	PA12360127/300	HEATSINK ALUMINUM PA12 360X127 L:300	MECCAL
2R1	3SNUBBER_01	SNUBBER RC	CAEV
2R2	3SNUBBER_01	SNUBBER RC	CAEV
2R3	3SNUBBER_01	SNUBBER RC	CAEV
2R4	3SNUBBER_01	SNUBBER RC	CAEV
2R5	3SNUBBER_01	SNUBBER RC	CAEV
2R6	3SNUBBER_01	SNUBBER RC	CAEV
2R7	SH1200-60DIN	SHUNT 0-60 mV-0-1200A	OM MISURE
2R8	SH400-60DIN	SHUNT 0-60mV-0-400A	OM MISURE
2R9	SH400-60DIN	SHUNT 0-60mV-0-400A	OM MISURE
2R10	SH400-60DIN	SHUNT 0-60mV-0-400A	OM MISURE
2R11	SH400-60DIN	SHUNT 0-60mV-0-400A	OM MISURE
2R12	SH400-60DIN	SHUNT 0-60mV-0-400A	OM MISURE
2R13	SH400-60DIN	SHUNT 0-60mV-0-400A	OM MISURE
2R14	CA005233R0J0	RESISTOR 33Ω RCA 52W 5%	FAIRFIELD
2R15	CA005216R0J0	RESISTOR 16Ω RCA 52W 5%	FAIRFIELD
2T2	RS-15-24	POWER SUPPLYER 230V 24VDC 0,62A	MEAN WELL
3A1	BISTY04+	DRIVE CARD RECTIFIER SHUNT +	CAEV
3CA1	TOPIMP03	CARD FOR PULSE SCR	CAEV
REVISION		EDIT	CAEV POWER ELECTRONICS PROJECT: C00624 JOB SERIAL: DW00624 CUSTOMER: REM TITLE: DIS.: S.A DATE: 11/01/2024 SHEET 1 OF 3 2 ◀ ▶ 2
DATE		SIGN	

PART LIST

TAG (-)	CODE	DESCRIPTION	PRODUCTION			
3R1	534B1202JCB	POTETIOMETER 10 LAPS 2K S534-2K(0140534161)	BOURNS			
4SC6	3OptoLinSMDU	SIGNAL CONVERTERS 0-10V 2AI 1A0 / 0-20V/0-60mV/0-10V	CAEV			
5M2	9G1224G102	FAN 120X120X38 24VDC 0,5A 49m³, 49DB	SANYO DENKI			
5M3	9G1224G102	FAN 120X120X38 24VDC 0,5A 49m³, 49DB	SANYO DENKI			
5SC1	Z109REG2-1	SIGNAL CONVERTER	SENECA			
5SC2	Z109REG2-1	SIGNAL CONVERTER	SENECA			
5SC3	Z109REG2-1	SIGNAL CONVERTER	SENECA			
6SC1	Z109REG2-1	SIGNAL CONVERTER	SENECA			
6SC2	Z109REG2-1	SIGNAL CONVERTER	SENECA			
6SC3	Z109REG2-1	SIGNAL CONVERTER	SENECA			
7B1	460406057	THERMIC SWITCH 100°C NC	DETAS			
7B2	460406057	THERMIC SWITCH 100°C NC	DETAS			
7K1	553490240094	MINIATURE GENERAL PURPOSE RELAY 24VDC 4PDT, AGNI 7A, VAR.0054 TYPE: PLUG-IN	FINDER			
7K2	553490240094	MINIATURE GENERAL PURPOSE RELAY 24VDC 4PDT, AGNI 7A, VAR.0054 TYPE: PLUG-IN	FINDER			
7K3	553490240094	MINIATURE GENERAL PURPOSE RELAY 24VDC 4PDT, AGNI 7A, VAR.0054 TYPE: PLUG-IN	FINDER			
7K4	553490240094	MINIATURE GENERAL PURPOSE RELAY 24VDC 4PDT, AGNI 7A, VAR.0054 TYPE: PLUG-IN	FINDER			
7M4	9G1224G102	FAN 120X120X38 24VDC 0,5A 49m³, 49DB	SANYO DENKI			
7P1	M22-L-W	INDICATOR LIGHT, FLUSH, WHITE	EATON			
7P1	M22-LED-W	LED ELEMENTS, 18-30VAC/DC, WHITE, FRONT FIXING, SCREW TERMINALS	EATON			
7P1	M22-A	MOUNTING ADAPTER	EATON			
7P2	M22-LED-G	LED ELEMENTS, 18-30VAC/DC, GREEN, FRONT FIXING, SCREW TERMINALS	EATON			
7P2	M22-L-G	INDICATOR LIGHT, FLUSH, GREEN	EATON			
7P2	M22-A	MOUNTING ADAPTER	EATON			
7P3	M22-L-R	INDICATOR LIGHT, FLUSH, RED	EATON			
7P3	M22-LED-R	LED ELEMENTS, 18-30VAC/DC, RED, FRONT FIXING, SCREW TERMINALS	EATON			
7P3	M22-A	MOUNTING ADAPTER	EATON			
7S1	M22-XDP-G-X1	BUTTON PLATE, MUSHROOM, GREEN, START	EATON			
7S1	M22S-ST-X	LABEL MOUNT, 30x50mm, ROUND, BLACK	EATON			
7S1	M22-AK10	CONTACT MODULE, 1NO	EATON			
7S1	M22-A	MOUNTING ADAPTER	EATON			
REVISION		EDIT	CAEV POWER ELECTRONICS		PROJECT: C00624	SHEET 2 OF 3
		JOB SERIAL: DW00624				
		CUSTOMER: REM				
DATE		SIGN			TITLE:	1 ◀ ▶ 3
			DIS.: S.A	DATE: 11/01/2024		

PART LIST

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