

Schaltplan

Schnellkühler / Schockfroster P15.2 POWER





NUOVAIR
INNOVATION FOR REFRIGERATION

NUOVAIR SRL
Via Padania, 9/C - 31020 San Vendemiano - Treviso - Italy
Tel. 0438/489097 - info@lanuovagel.com



JOB NUMBER/SERIES

A0000175

PART NUMBER

-

REFERENCE

Q.E. BLAST CHILLERS
P10.1; P15.1; P10.2; P15.2; P20.2 - 400V 3PH+N

ELECTRICAL SPECIFICATIONS		CARPENTRY		REVISION			
				REV.	MODIFICATIONS	DATE	SIGN.
Voltage power circuit (V)	400 a.c.	Cabinet					
Auxiliary power circuit (V)		Height					
Frequency(Hz)	50	Width					
Distribution system	TT	Depth					
	3F+N+T	Grade IP					
Normal Current (A)		Form					
Max Current (A)		Material					
Icn Current (KA)		Door					
CEI EN 60898-1							
Icu Current (KA)					AGG. MICRO PORTA VENT(P20.2); AGG. VENT EVAP (P20.2)	01/04/22	MM
CEI EN 60947-2				B	MODIFICATO NUM. MORSETTO DA N06 A 12-0	24/02/22	MM
<input type="checkbox"/> Backup				A	AGG. BUZZER	30/09/21	MM
					NOTES		

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DATE	21/06/2021
DESIGNER	MASO
CHECKED	
APPROVED	

Q.E. ABBATTITORE
P10.1; P15.1; P10.2; P15.2; P20.2
COPERTINA / COVER

MAT :	
COM :	A0000175
FILE :	

1
FG 2
F.S.

SIGLA COMPONENTI COMUNI

ES. 7QU1


- NUMERO PAGINA INSERIMENTO
- TIPO DI COMPONENTI COMUNI ES.:
 - QF - INTERRUTTORE AUTOMATICO
 - QS - SEZIONATORE
 - QU - SEZ. PORTA FUSIBILE
 - FU - PORTA FUSIBILE
 - KM - RELE' DI POTENZA
 - KA - RELE' AUSILIARIO
- PROGRESSIVO DI PAGINA

SIGLA FILO

ES. 7-1X

- NUMERO PAGINA INSERIMENTO
- PROGRESSIVO DI PAGINA
- OPZ. RIFERIMENTO DI FASE

SIGLA RINVIO

ES. 7-1  9.6

- NUMERO FILO
- PAGINA DI RINVIO
- COLONNA SU PAGINA DI RINVIO

COLORI CONDUTTORI

Tratto dalla norma europea EN 60204-1

CONDUTTORE DI PROTEZIONE

GIALLO-VERDE

CIRCUITI DI POTENZA in AC e DC

FASE - NERO NEUTRO - BLU CHIARO

CIRCUITI AUSILIARI in AC con trasf. disaccoppiatore ≤250V

ROSSO

CIRCUITI AUSILIARI in AC senza trasf. disaccoppiatore























FASE - NERO NEUTRO - BLU CHIARO

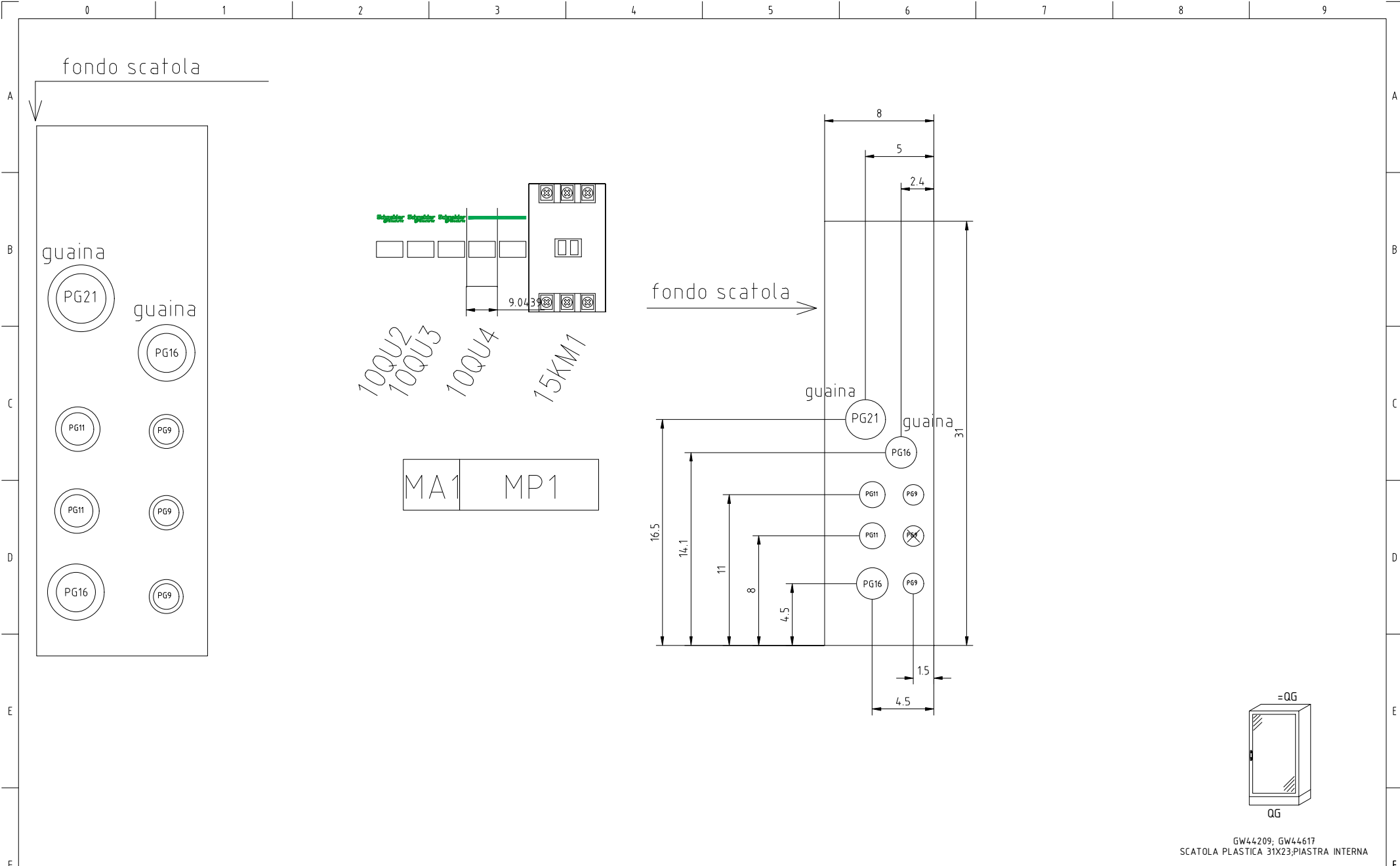
CIRCUITI AUSILIARI in DC

BLU

CIRCUITI ALIMENTATI DA FONTE ESTERNA AL QUADRO

ARANCIONE

Simbolo	File	Descrizione	Description	Simbolo	File	Descrizione	Description
	B10_N	Trasduttore di pressione / corrente			S18C_N	Comandato dalla temperatura (termostato) NC	
	C1_N	Condensatore			T2_N	Trasformatore monofase a due avvolgimenti	
	E4_N	Elemento riscaldante			Y2_N	Elettrovalvola Chiusa (in apertura)	
	E11_N	Ventilatore monofase con PE			KM1_N	Bobina contattore	
	F11_N	Fus. unipolare sezionabile non sotto carico			BLK121	Sonda Temperatura	
	G1_N	Convertitore di corrente AC-DC monofase			BLK147	Motore asincrono trifase	
	M2_N	Motore asincrono trifase			BLK168		
	Q720_N	Interruttore-sezionatore di manovra tetrapolare			CARPENTERIA		
	Q83_N	Sezionatore tripolare con fusibili			EVOWL	CENTRALINA	
	S08C_N	Comandato dalla pressione (pressostato) NC			PCOMINI_1		
	S10_N	Fine corsa NO			TOUCH CAREL	CENTRALINA	



GW44209; GW44617
SCATOLA PLASTICA 31X23;PIASTRA INTERNA



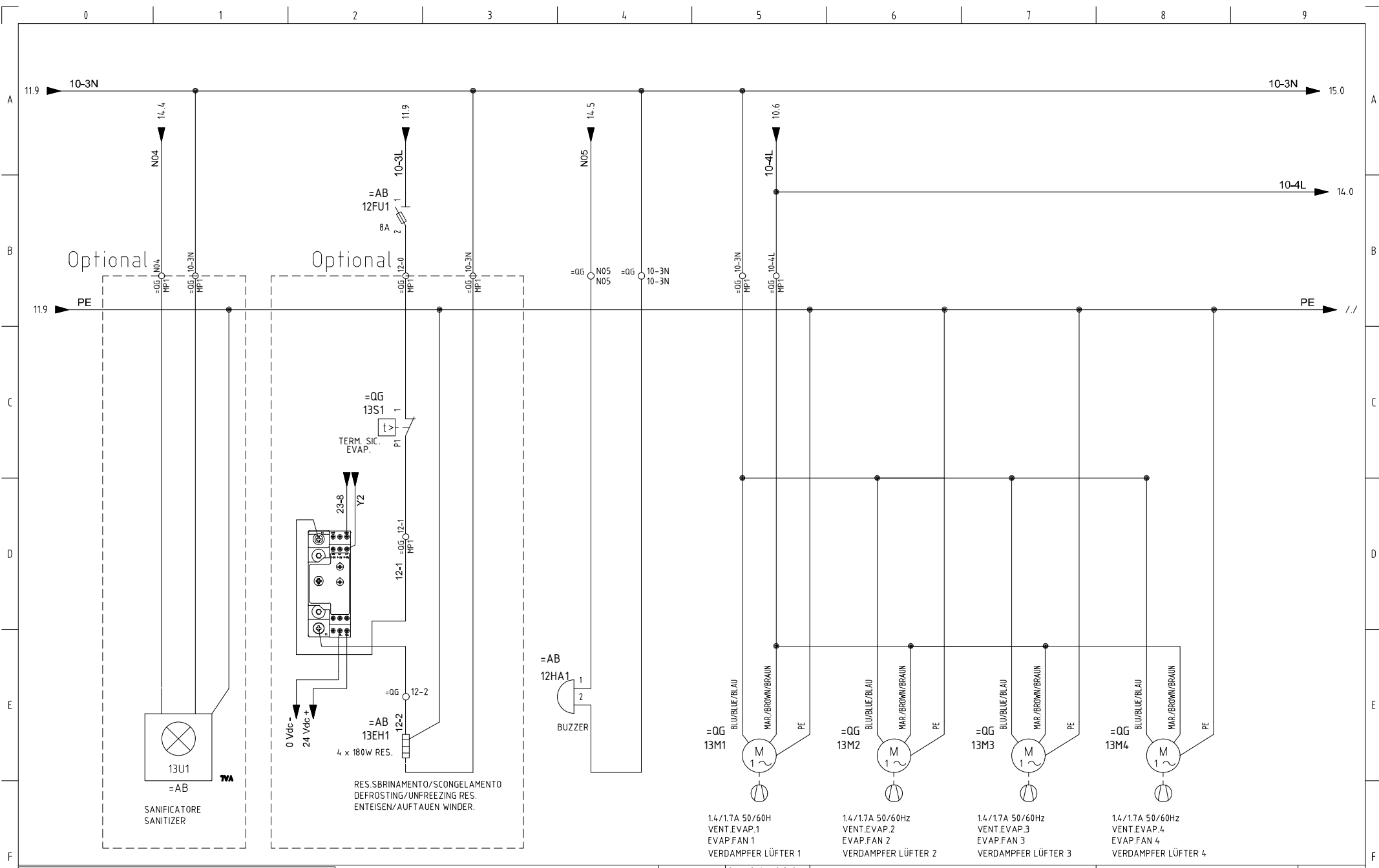
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CHECKED	
APPROVED	

Q.E. ABBATTITORE
P10.1; P15.1; P10.2; P15.2; P20.2
LAYOUT

MAT :	
COM :	A0000175
FILE :	

9
FG. 10
F.S.

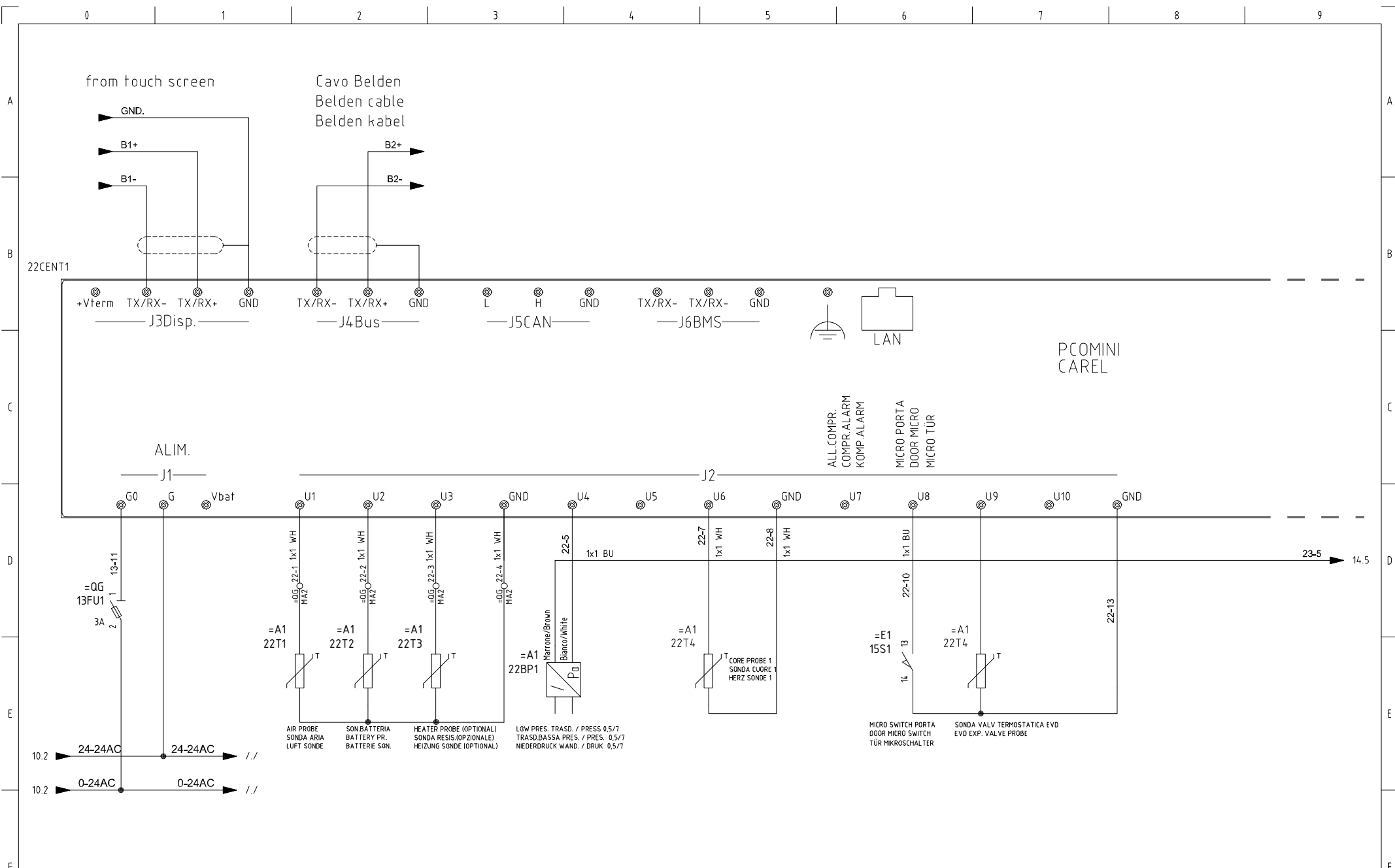


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 P10.1; P15.1; P10.2; P15.2; P20.2
CIRCUITO DI POTENZA
Stromkreis \ Power circuit

MAT :	
COM :	A0000175
FILE :	

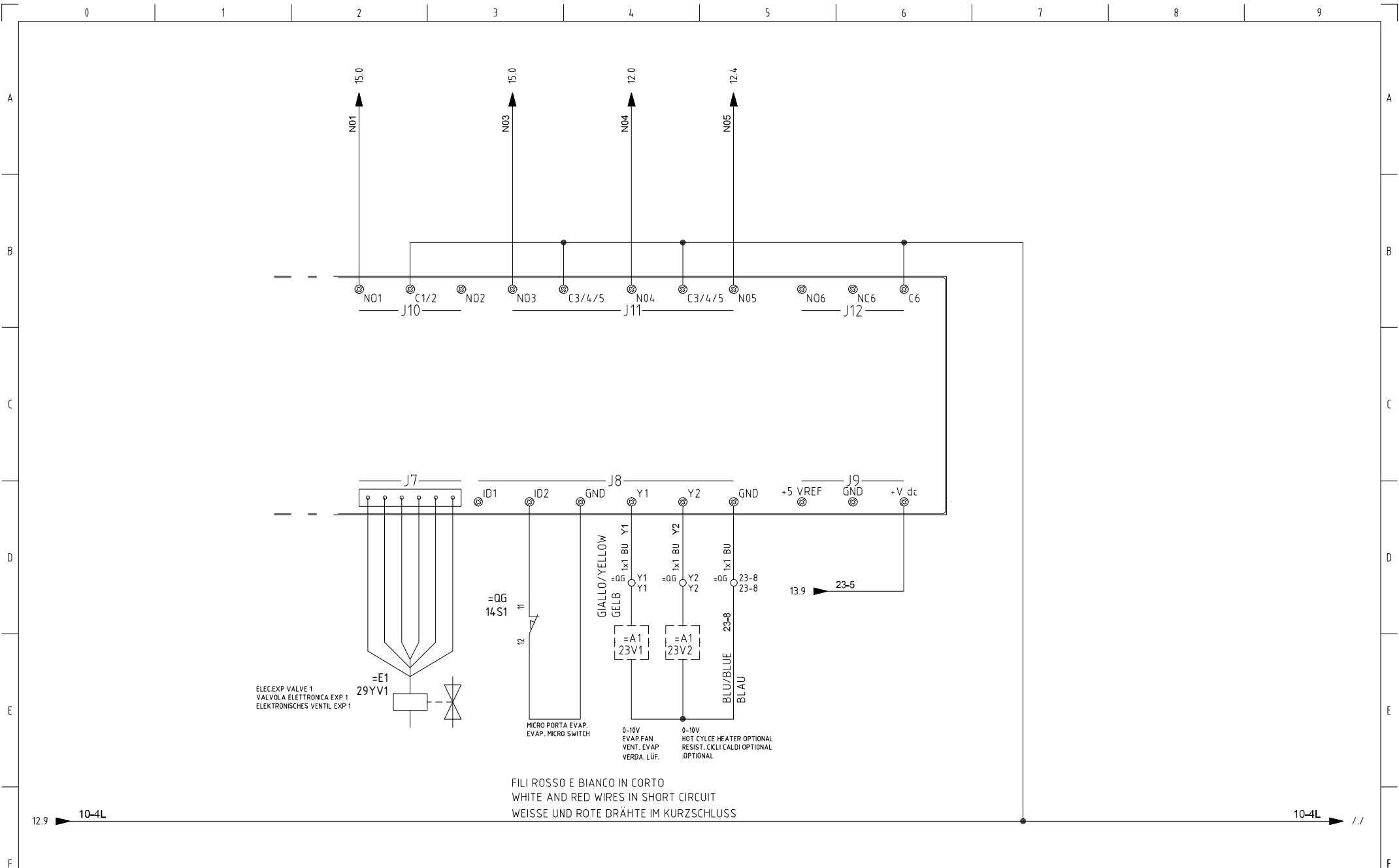


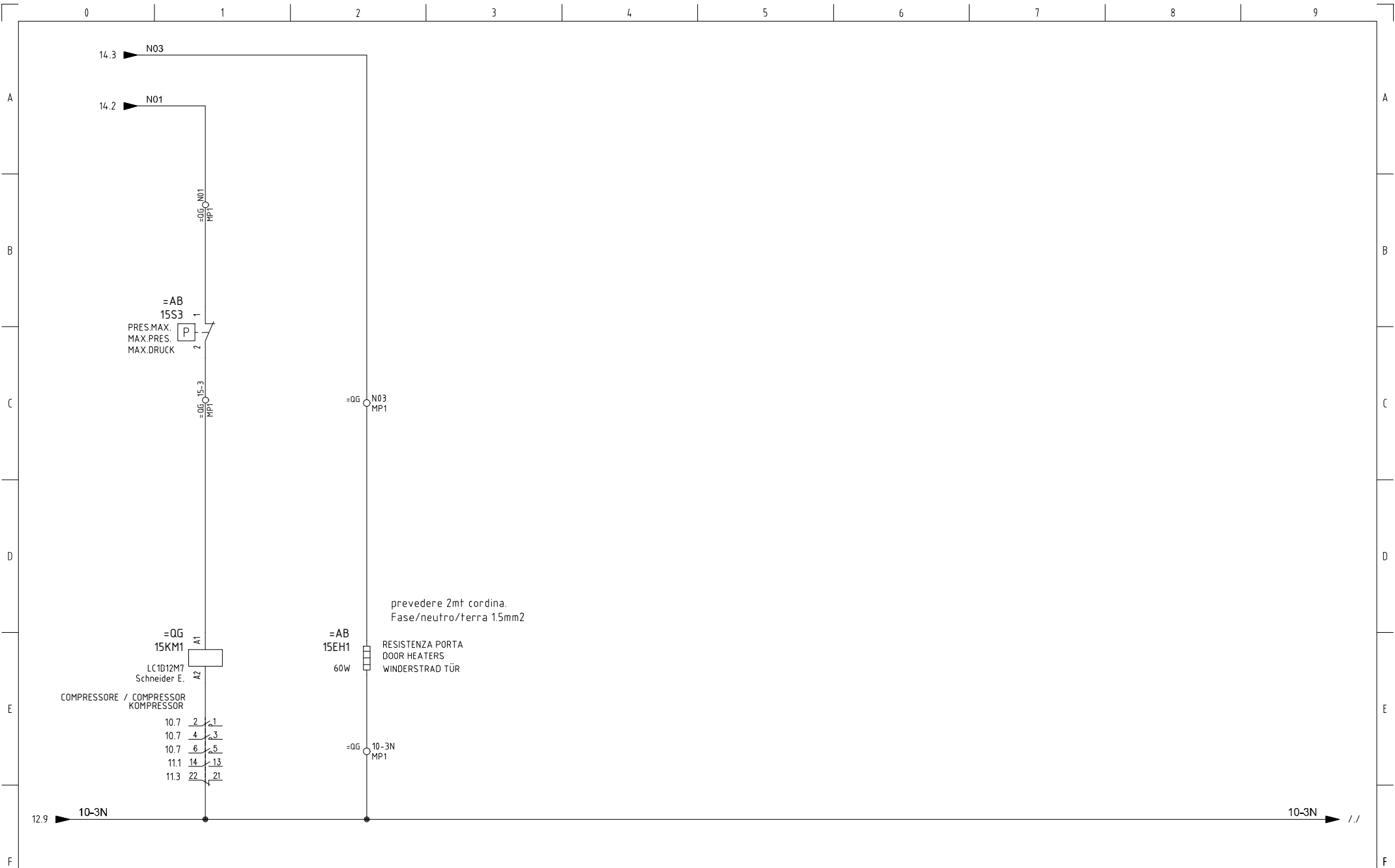
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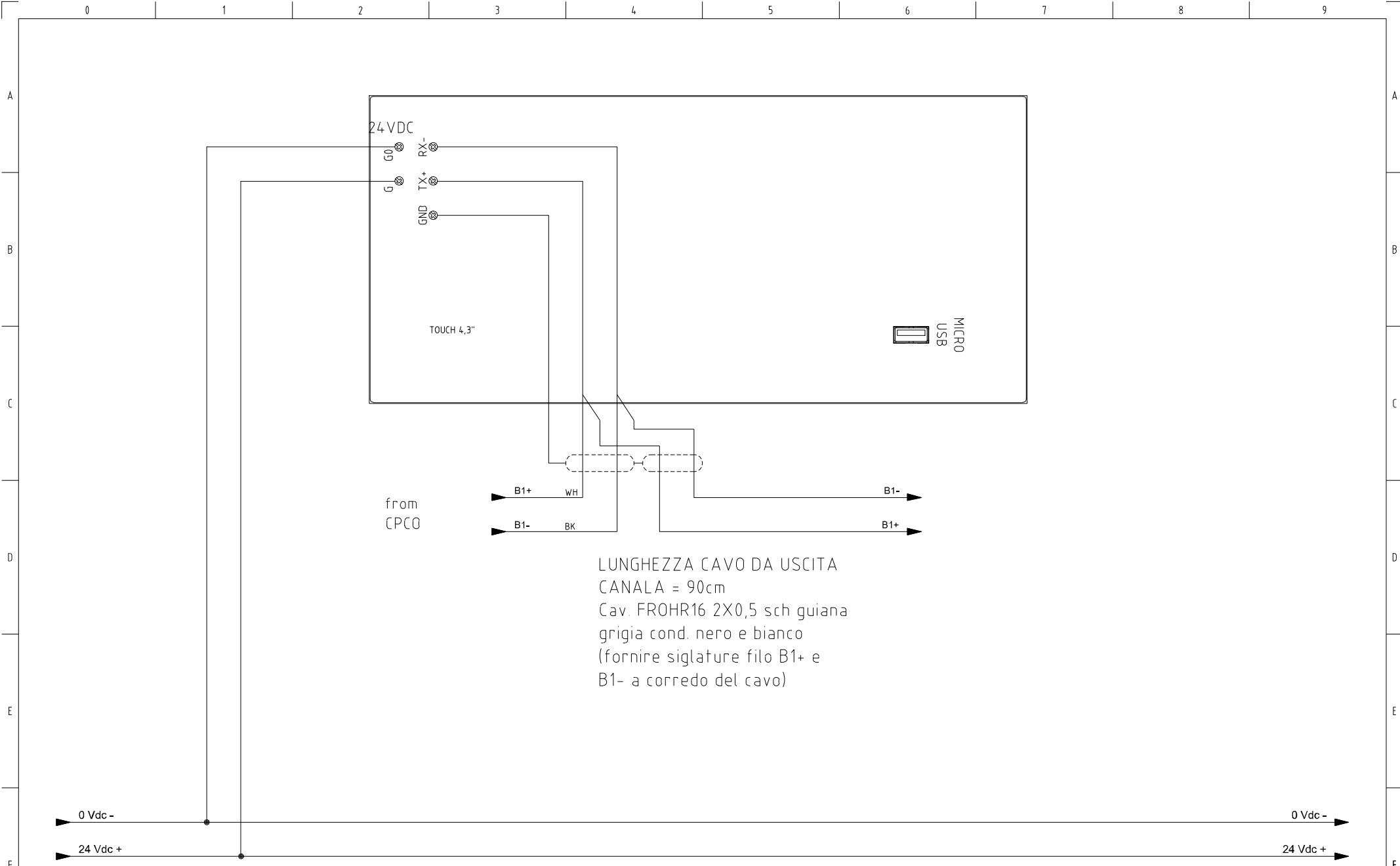
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 P10.1; P15.1; P10.2; P15.2; P20.2
CIRCUITO DI POTENZA
Stromkreis \ Power circuit

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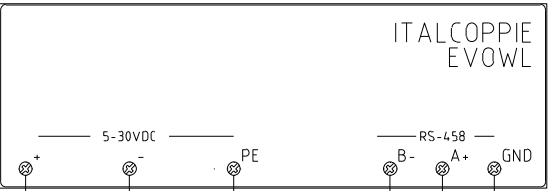


WIRELESS CORE TEMPERATURE PROBES
 SONDE DI TEMPERATURA INTERNA WIRELESS
 DRAHTLOSE KERNTEMPERATUR-SONDEN

OPTIONAL
 OPZIONALE

=QG
 31CENT1
 WIRELESS TEMPERATURE
 SYSTEM

ITALCOPPIE
 EVOWL



-0Vdc PE
 MAX

from
 Touch

B1+

B1-

0 Vdc -

0 Vdc -

24 Vdc +

24 Vdc +



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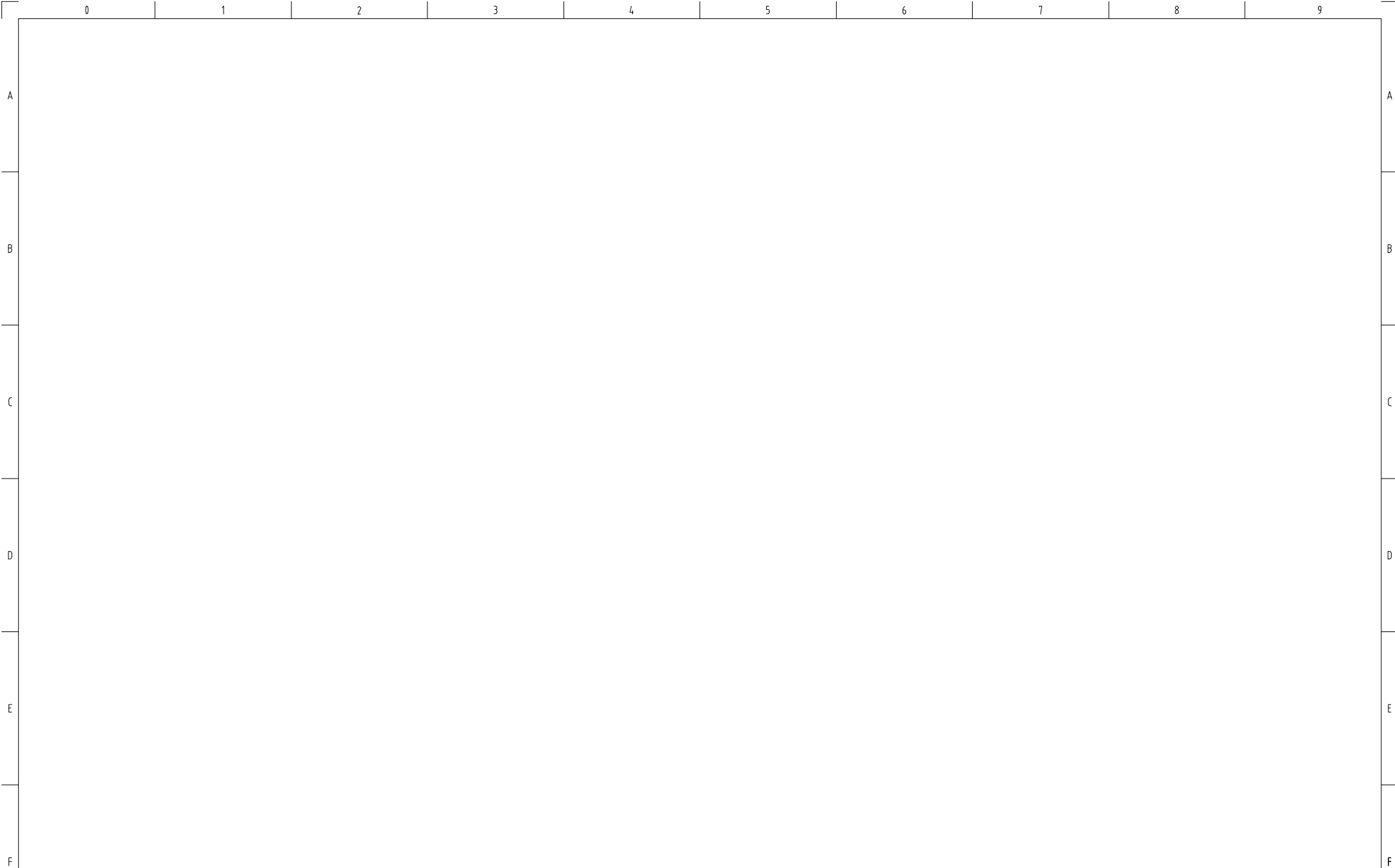
Q.E. ABBATTITORE
 P10.1; P15.1; P10.2; P15.2; P20.2

MAT :	
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17
 FG 18
 F.S.

=QG - MP1
MORSETTIERA/ TERMINAL BLOCKS / KLEMMLEISTE

PE	○	
PE	○	
10-3N	○	=AB - 12M1 - COND.FAN + 13M1 - EVAP. FAN
10-3N	○	=AB - 12EH1 - CARTER RESTSTANCE
10-3N	○	=AB - 13U1 - SANITIZER
10-3N	○	=AB - 13EH1 - THAWNG HEATER
11-3L	○	=AB - 12M1 - COND.FAN (COND. FAN CONTROL PRESS.SW)
11-4L	○	=AB - 12M1 - COND.FAN (COND. FAN CONTROL PRESS.SW)
12-4L	○	=AB - 12M1 - COND.FAN
11-5L	○	=AB - 12EH1 - CARTER HEATER/C. WINDERSTAND
10-4L	○	=AB - 13M2 - EVAPORATOR FAN
10-4L	○	=AB - 13M2 - EVAPORATOR FAN
N01	○	=AB - 15S3 - HIGH PRESSURE SWITCH
15-3	○	=AB - 15S3 - HIGH PRESSURE SWITCH
N06	○	=AB - 13EH1 - DEFROSTING/UNFREEZING RES. (OPTIONAL)
12-1	○	=AB - GAVAZZI HEATER REGULATOR (OPTIONAL)
12-2	○	=AB - GAVAZZI HEATER REGULATOR (OPTIONAL)
N03	○	=AB - 15EH1 - DOOR HEATER
N04	○	=AB - 13U1 - SANITIZER
N05	○	=AB - BUZZER
22-1	○	=AB - 22T1 - AIR PROBE
22-2	○	=AB - 22T2 - EVAP. PROBE
22-3	○	=AB - 22T3 - HETAER PROBE (OPTIONAL)
22-4	○	=AB - COMMON PROBES
Y1	○	=AB - 13M1 - 10V dc EVAP. FAN CONTROL
Y2	○	=AB - 13EH1 - 10V dc DEFROSTING/UNFREEZING RES. CONTROL
23-8	○	=AB - 0Vdc
PE	○	
PE	○	



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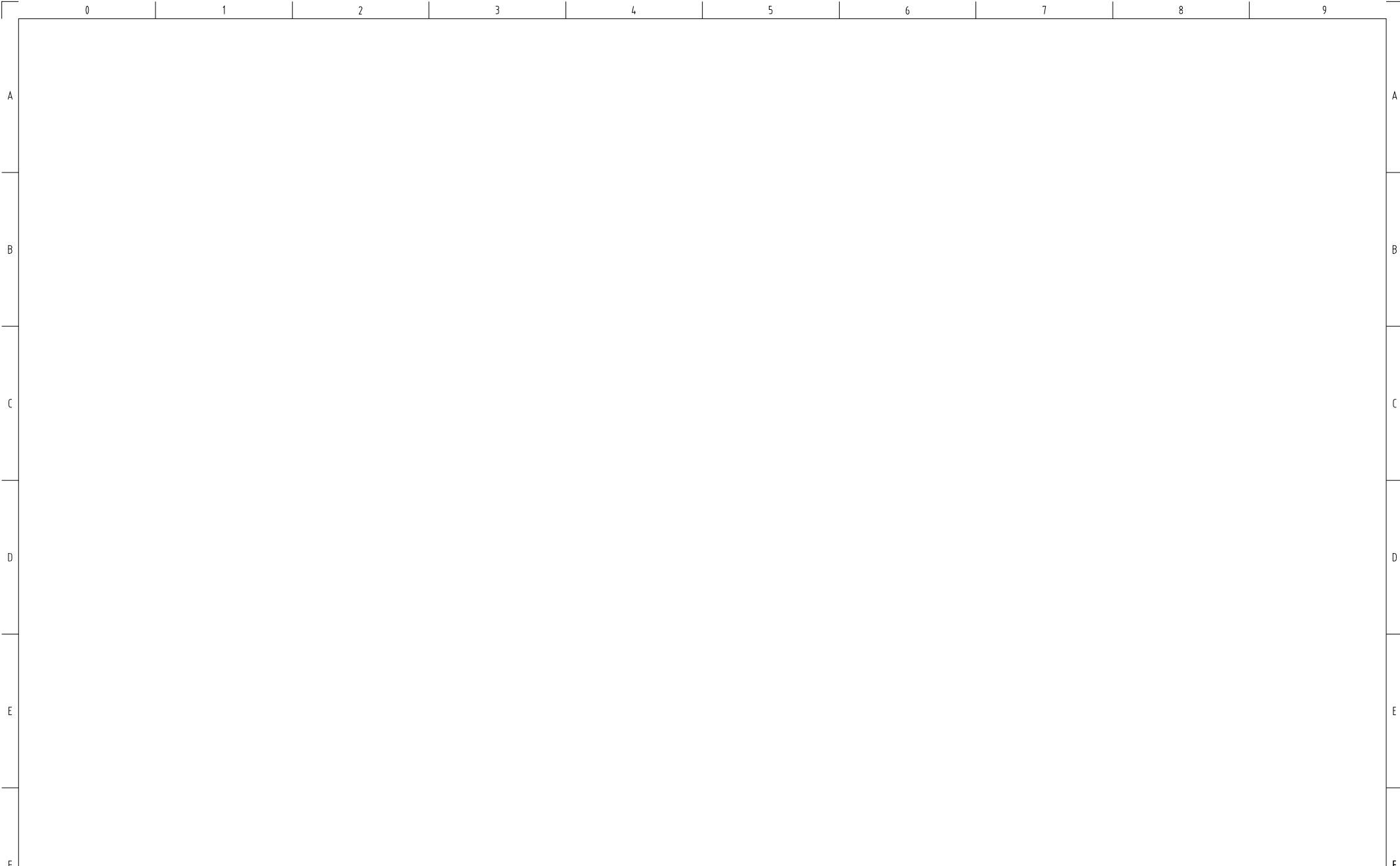
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Q.E. ABBATTITORE
 P10.1; P15.1; P10.2; P15.2; P20.2
 Distinta Materiali
Stückliste \ Part list

MAT :
 COM : A0000175
 FILE :

19
 FG. 20
 F.S.



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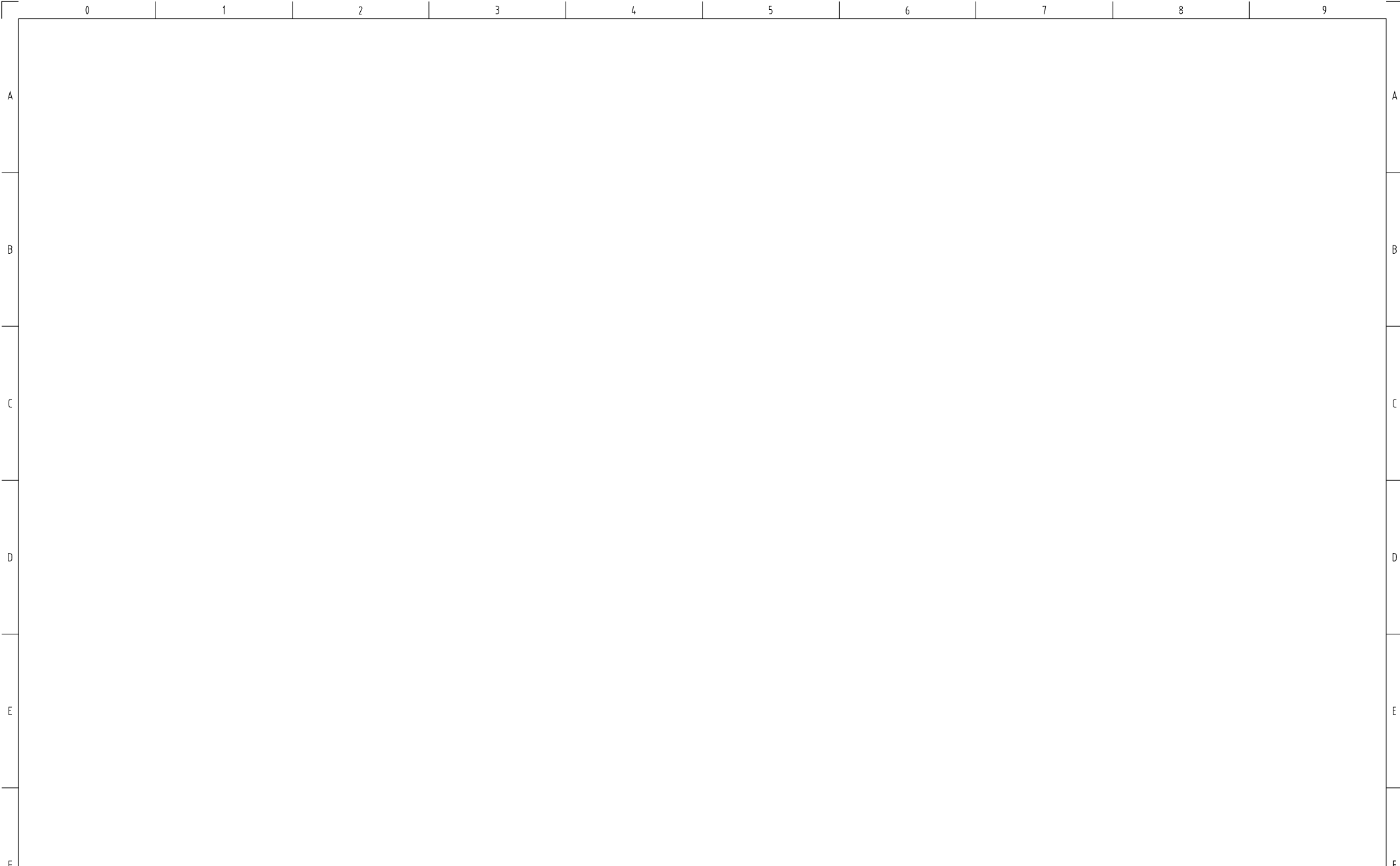
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20
FG 21
F.S.



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21
FG /
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