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APPLIANCE BOX CAB-STD28-3R  
 STANDARD DRAWING CORRIGO / EXIGO / EXOcompact xxx-4

NAME	PAGE NUMBER
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CABINETWORK/ASSEMBLY	003
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POWER SUPPLY & RELAYS	005
CIRCUIT DIAGRAM	006-010
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A

B

## SAFETY INSTRUCTIONS



DURING OPERATION OF THE INSTALLATION, SOME PARTS ARE LIVE AND CAN BE DANGEROUS!  
FAILURE TO OBSERVE THE SAFETY INSTRUCTIONS MAY RESULT IN DEATH, SERIOUS INJURY OR MATERIAL DAMAGE.

ONLY SPECIALISED PERSONNEL MAY CARRY OUT TRANSPORT, INSTALLATION AND COMMISSIONING WORK.

APPLICABLE STANDARDS AS WELL AS NATIONAL AND/OR COMPANY-SPECIFIC LABOUR PROTECTION REGULATIONS MUST BE OBSERVED.

C

THE FOLLOWING SAFETY INSTRUCTIONS MUST BE OBSERVED:

D

INSTALLATION, COMMISSIONING, TROUBLESHOOTING AND REPAIR OF THE EQUIPMENT MUST ONLY BE CARRIED OUT BY QUALIFIED PERSONNEL WHO ARE FAMILIAR WITH THE RESPECTIVE OPERATING INSTRUCTIONS.

THE INSTALLATION OF THE APPLIANCES MUST BE CARRIED OUT IN ACCORDANCE WITH THE APPLICABLE STANDARDS, NATIONAL AND LOCAL REGULATIONS  
FAULTLESS EARTHING AND CONDUCTOR DIMENSIONING AS WELL AS FAULTLESS SHORT-CIRCUIT PROTECTION MUST BE ENSURED.  
THESE MEASURES ARE ESSENTIAL TO ENSURE THE SAFETY OF THE INSTALLATION AND THE OPERATORS.

ENSURE THAT ALL POWER SUPPLIES ARE SWITCHED OFF AND SECURED AGAINST RECONNECTION AND LABELLED ACCORDINGLY BEFORE SAFETY CHECKS, MAINTENANCE  
MAINTENANCE OR REPAIR OPERATIONS ARE CARRIED OUT.

E

ONLY TECHNICALLY FAULTLESS CONTROL DEVICES SUITABLE FOR THE CORRESPONDING MEASUREMENT MAY BE USED!

THE INSTRUCTIONS IN THE RESPECTIVE OPERATING INSTRUCTIONS MUST BE FOLLOWED EXACTLY!  
THE RISK, WARNING AND SAFETY INSTRUCTIONS MUST ALWAYS BE OBSERVED!

F

ALL DOORS AND COVERS MUST BE CLOSED DURING OPERATION OF THE SYSTEM.  
MAKE SURE THAT THE REFRIGERATION UNITS INSTALLED IN THE INSTALLATION ARE WORKING PROPERLY.  
THE FILTERS, IF ANY, MUST ALSO BE CLEANED REGULARLY.

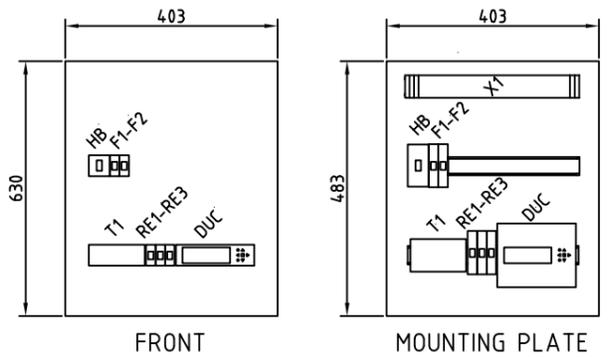
G

COLOURS OF CABINET	
POWER 230/400V	= BLACK
ZERO	= BLUE
MANEUVER PHASE 230V	= RED
MANEUVER ZERO	= BLUE
MANEUVER PHASE 24V	= BROWN
MANEUVER ZERO GO	= GREY
MANEUVER PHASE 24VDC	= DARKBLUE
MANEUVER ZERO 24VDC	= DARKBLUE
ANALOGUE SIGNAL	= PURPLE
TELE ETC.	= YELLOW
EXTRANEIOUS VOLTAGE	= ORANGE
GROUND	=YELLOW /GREEN

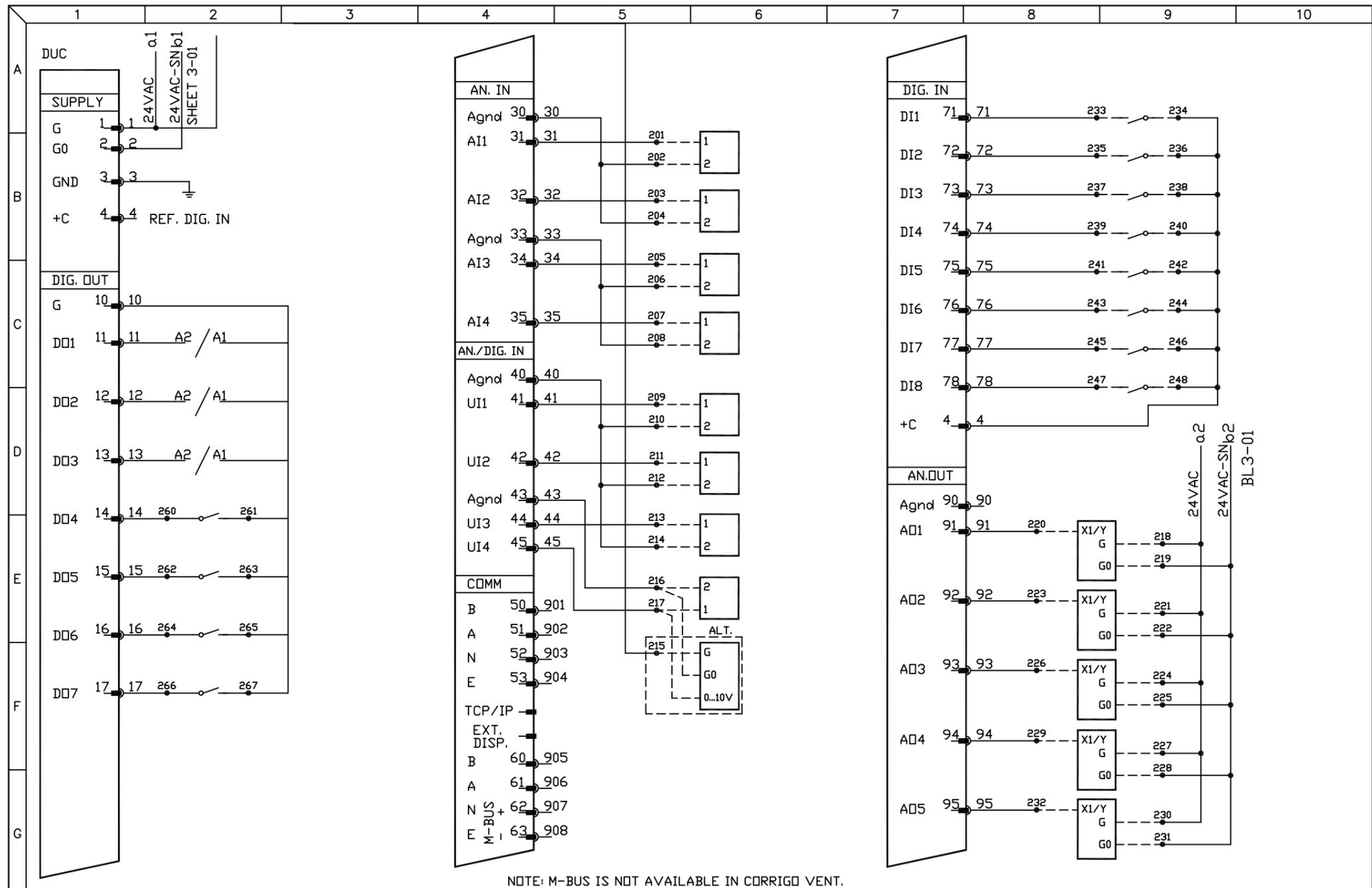
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							003

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BET	NR.	NAME	TYPE/ARTICLE NR.	BRAND	NOTE					
A	STD28-3R	1	APPARATUS BOX	STANDARD ENCLOSURE KV9354	HENSEL					
	HB	1	MAIN SWITCH	KS3.40	ENSTO					
	T1	1	TRANSFORMER	PDS63-21224-M6P 230/2*12VAC 63VA	NORATEL					
	101-102	2	CONNECTION BLOCK	STS 2,5 (3036398)	PHOENIX CONTACT					
	103-104	2	CONNECTION BLOCK	STS 2,5 (3036398)	PHOENIX CONTACT					
B	201-208	8	CONNECTION BLOCK	STS 2,5 (3036398)	PHOENIX CONTACT					
	209-217	9	CONNECTION BLOCK	STS 2,5 (3036398)	PHOENIX CONTACT					
	218-226	9	CONNECTION BLOCK	STS 2,5 (3036398)	PHOENIX CONTACT					
	227-232	6	CONNECTION BLOCK	STS 2,5 (3036398)	PHOENIX CONTACT					
	233-248	3	CONNECTION BLOCK	STTB 2,5 (3031270)	PHOENIX CONTACT					
	249-250	2	CONNECTION BLOCK	STS 2,5 (3036398)	PHOENIX CONTACT					
	251-258	2	CONNECTION BLOCK	STS 2,5 (3036398)	PHOENIX CONTACT					
C	901-908	2	CONNECTION BLOCK	STS 2,5 (3036398)	PHOENIX CONTACT					
		4	END PLATE	D-STB 2,5 (3031762)	PHOENIX CONTACT	FOR STS 2,5				
		2	END PLATE	D-STTB 2,5 (3030459)	PHOENIX CONTACT	FOR D-STTB 2,5				
		4	END SUPPORT	CLIPFIX-5 (3022276)	PHOENIX CONTACT					
	DUC	1	CONTROL UNIT LEVEL	CORRIGO XXX / EXOCOMPACT XXX / EXIGO	REGIN					
	ETH1	1	ETHERNET OUTLET	RCP-5SPFFH-TCU7001	AMPHENOL LTW					
	F1-F2	2	CIRCUIT BREAKER	C60/C E 21 122 12 (REGIN #7381)	MERLIN GERIN					
D	RE1-RE3	3	AUXILIARY RELAY	GY1620B5 H-D-A 24VAC	SCHNEIDER					

CABINET BOX	DUC	ETH. PORT	COM. PORT 1	COM. PORT 2	PLINT	RE1-2	RE3
E CAB-STD2-3R	282DW-4	X	RS485	-	101-104,201-258 901-908	X	X
	283(D)WM-4	X	RS485	M-BUS		X	X
	283(D)W-4	X	RS485	RS485		X	X
	.	-	-	-		X	X
	.	-	-	-		X	X
.	X	-	-	-	X	X	

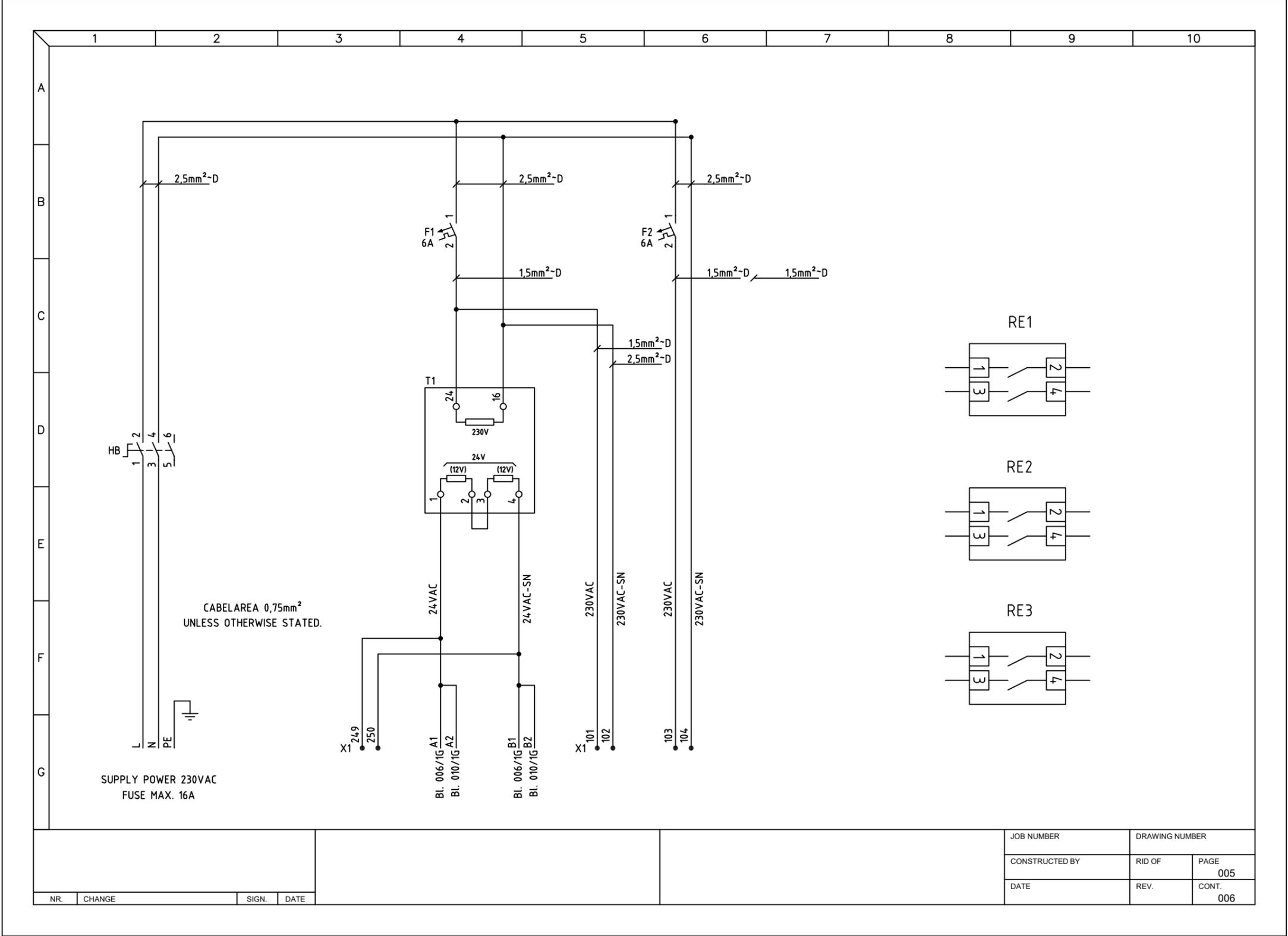


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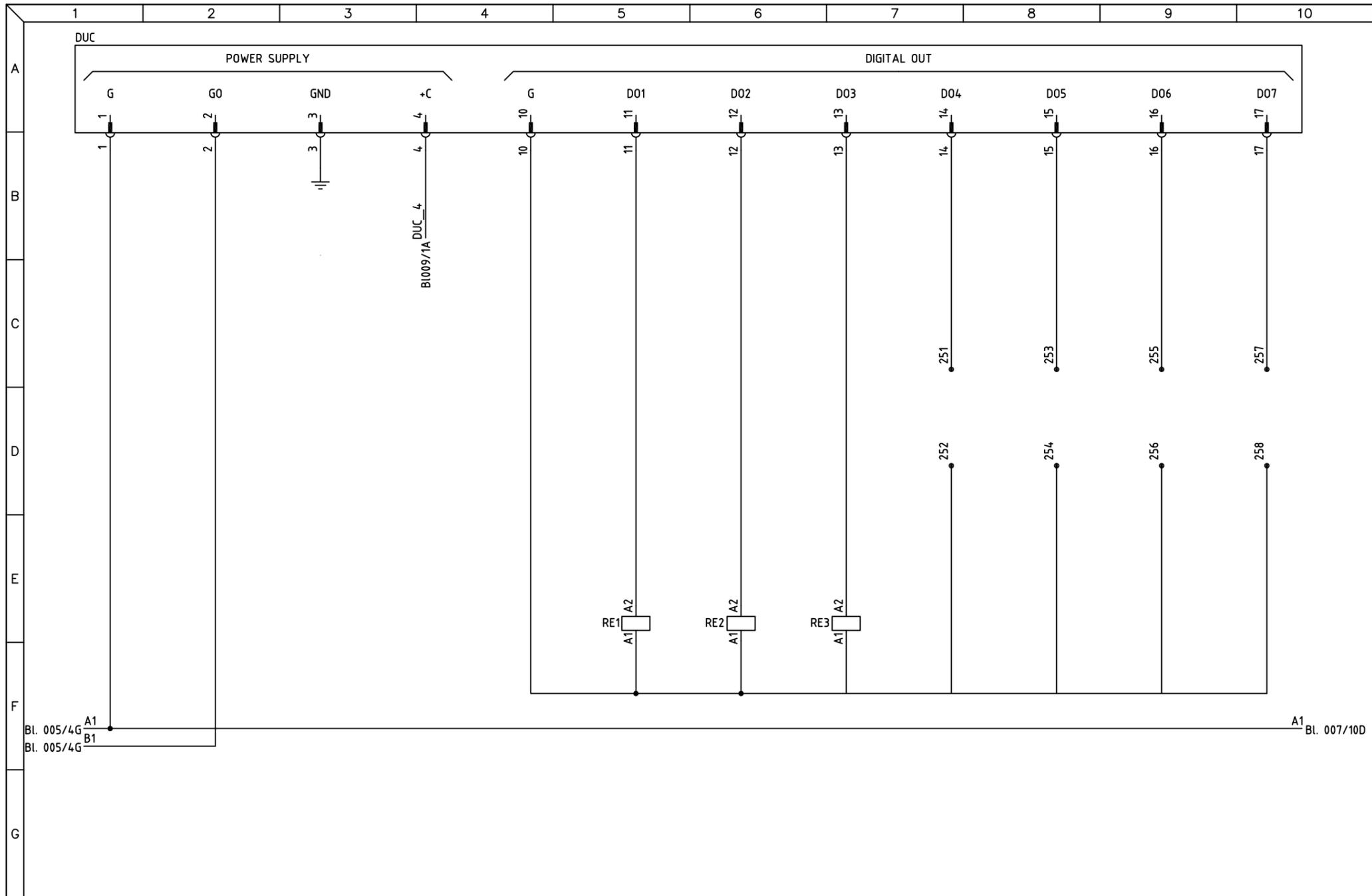
NOTE: M-BUS IS NOT AVAILABLE IN CORRIGO VENT.

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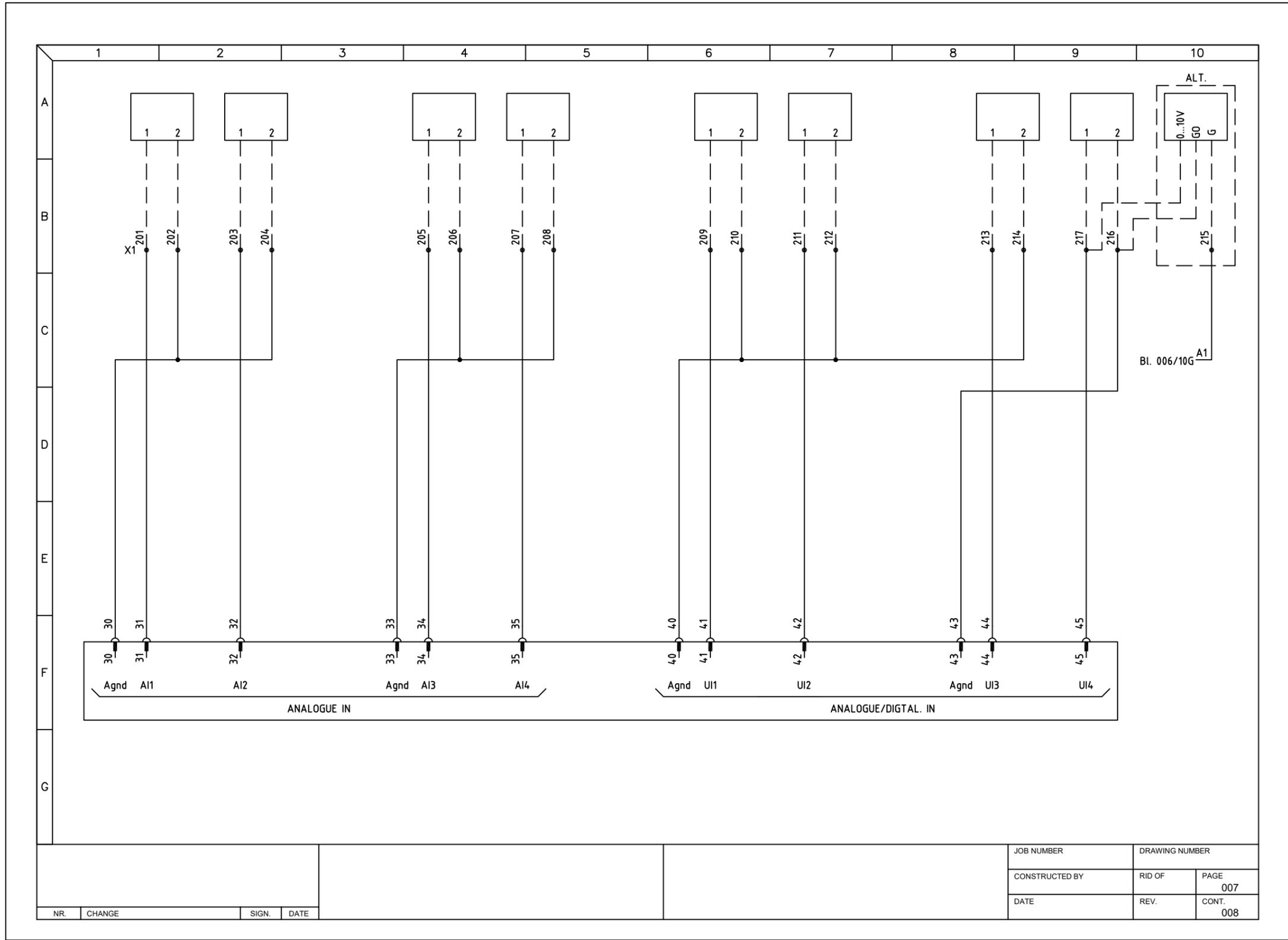


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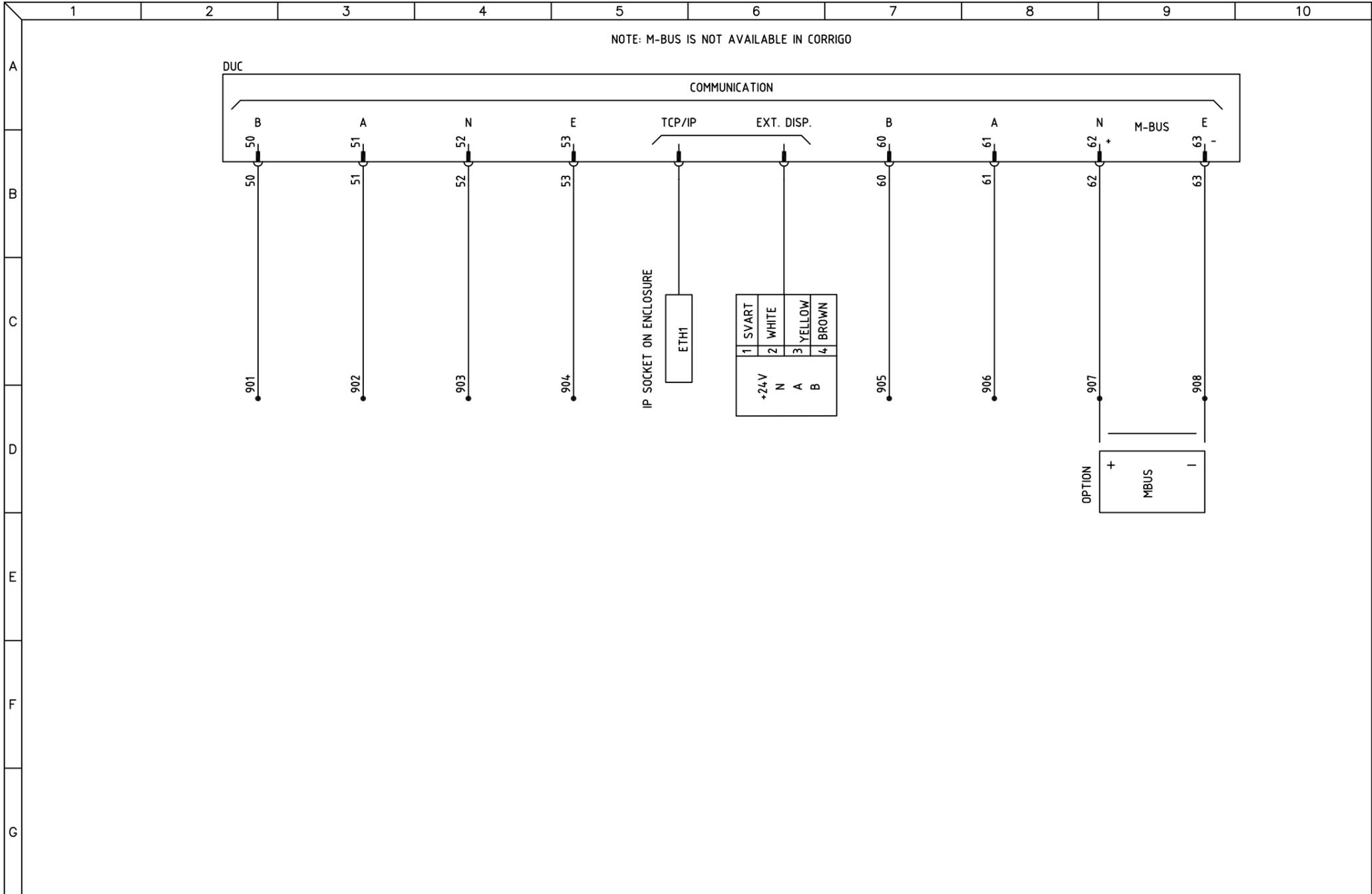


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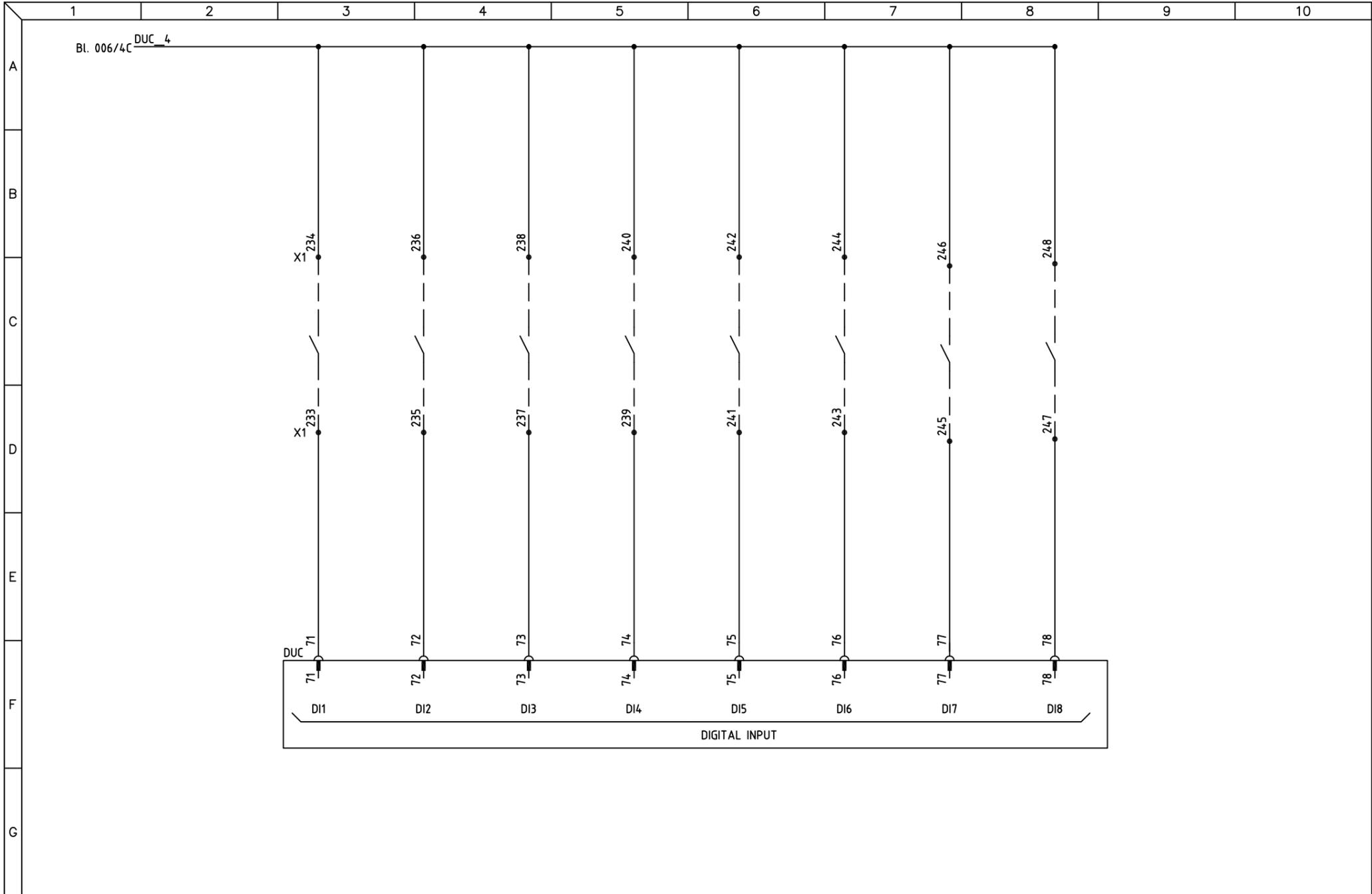


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NR.	CHANGE	SIGN.	DATE			JOB NUMBER	DRAWING NUMBER	
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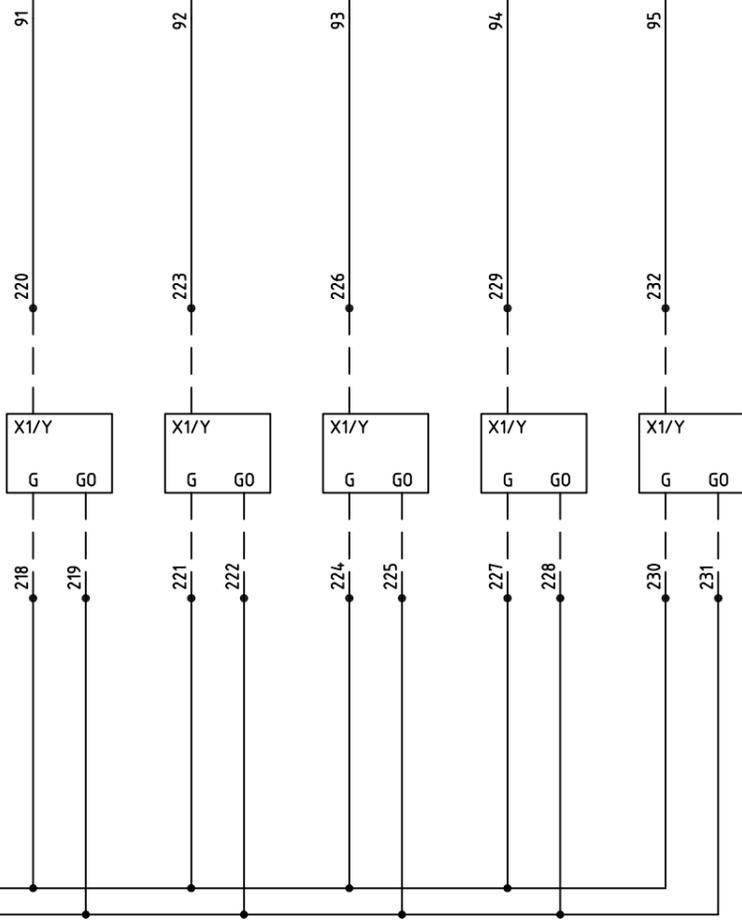
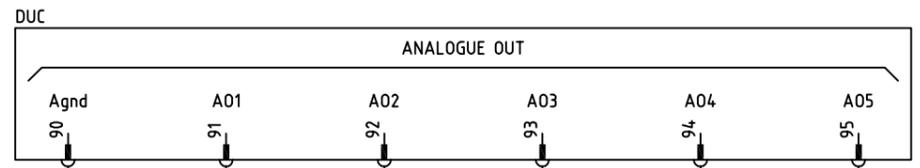
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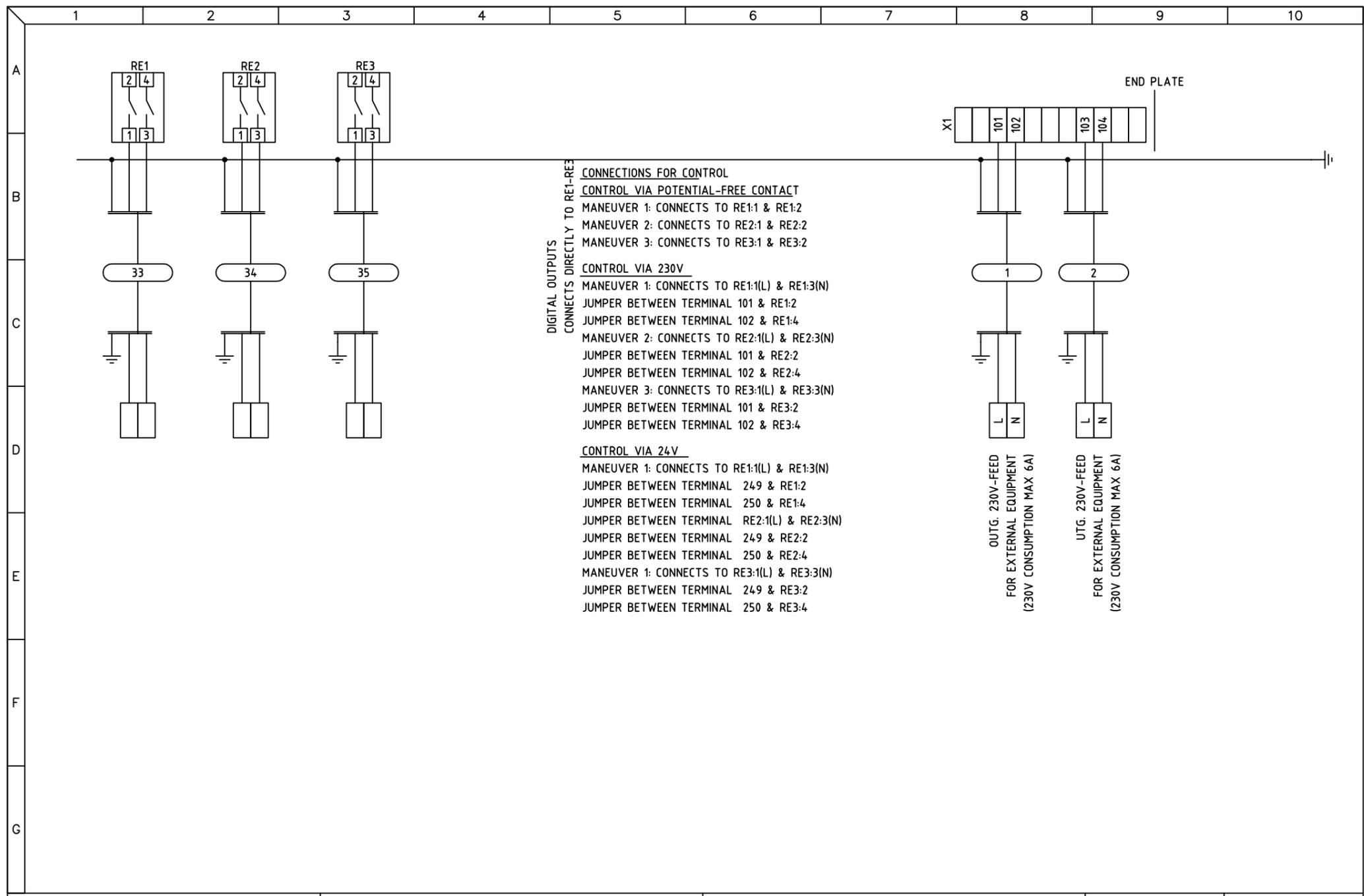
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Bl. 005/5G B2 24VAC-SN

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										PAGE 010	
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DIGITAL OUTPUTS  
CONNECTS DIRECTLY TO RE1-RE3

CONNECTIONS FOR CONTROL  
CONTROL VIA POTENTIAL-FREE CONTACT  
 MANEUVER 1: CONNECTS TO RE1:1 & RE1:2  
 MANEUVER 2: CONNECTS TO RE2:1 & RE2:2  
 MANEUVER 3: CONNECTS TO RE3:1 & RE3:2

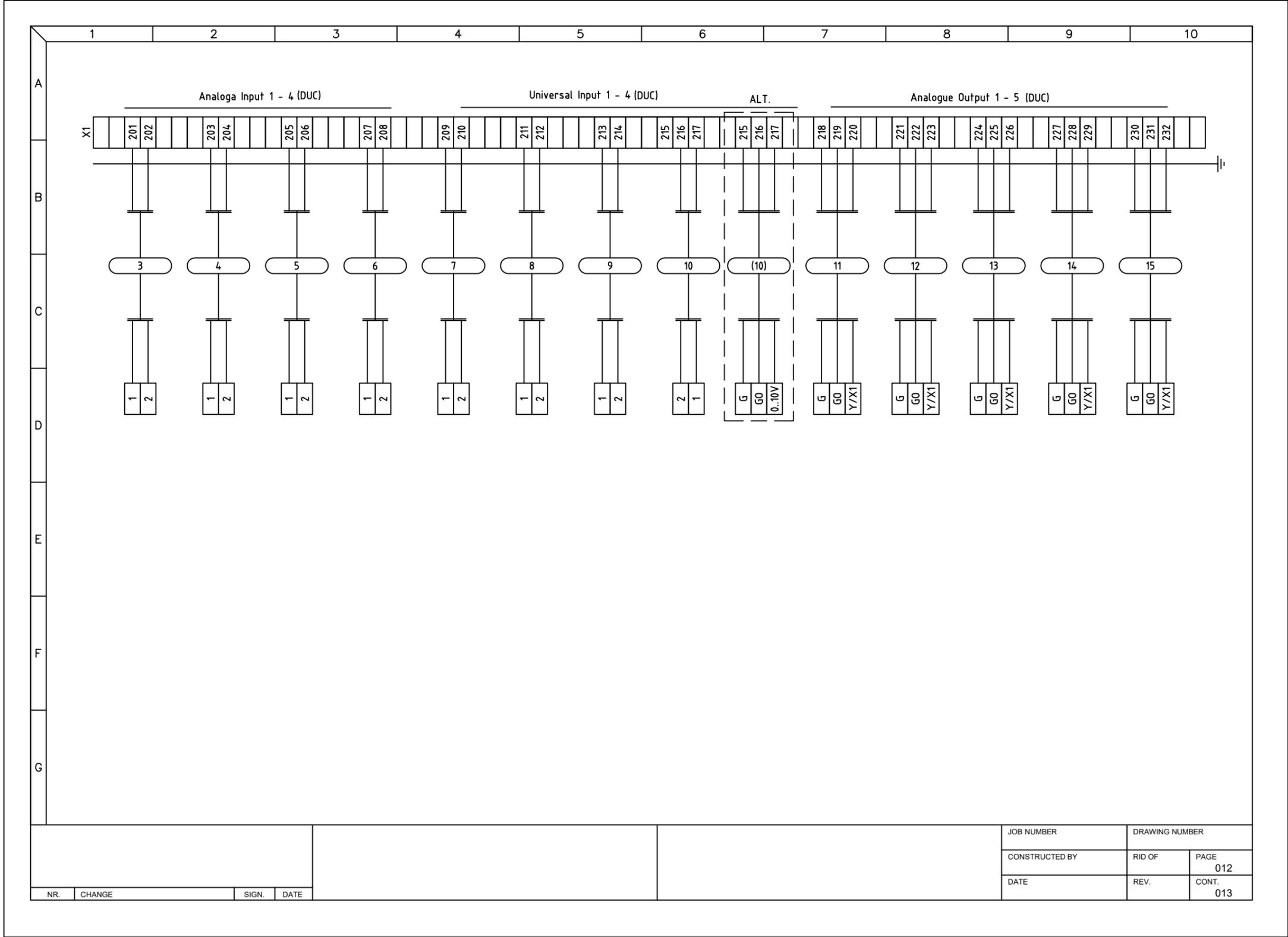
CONTROL VIA 230V  
 MANEUVER 1: CONNECTS TO RE1:1(L) & RE1:3(N)  
 JUMPER BETWEEN TERMINAL 101 & RE1:2  
 JUMPER BETWEEN TERMINAL 102 & RE1:4  
 MANEUVER 2: CONNECTS TO RE2:1(L) & RE2:3(N)  
 JUMPER BETWEEN TERMINAL 101 & RE2:2  
 JUMPER BETWEEN TERMINAL 102 & RE2:4  
 MANEUVER 3: CONNECTS TO RE3:1(L) & RE3:3(N)  
 JUMPER BETWEEN TERMINAL 101 & RE3:2  
 JUMPER BETWEEN TERMINAL 102 & RE3:4

CONTROL VIA 24V  
 MANEUVER 1: CONNECTS TO RE1:1(L) & RE1:3(N)  
 JUMPER BETWEEN TERMINAL 249 & RE1:2  
 JUMPER BETWEEN TERMINAL 250 & RE1:4  
 JUMPER BETWEEN TERMINAL RE2:1(L) & RE2:3(N)  
 JUMPER BETWEEN TERMINAL 249 & RE2:2  
 JUMPER BETWEEN TERMINAL 250 & RE2:4  
 MANEUVER 1: CONNECTS TO RE3:1(L) & RE3:3(N)  
 JUMPER BETWEEN TERMINAL 249 & RE3:2  
 JUMPER BETWEEN TERMINAL 250 & RE3:4

OUTG. 230V-FEED  
FOR EXTERNAL EQUIPMENT  
(230V CONSUMPTION MAX 6A)

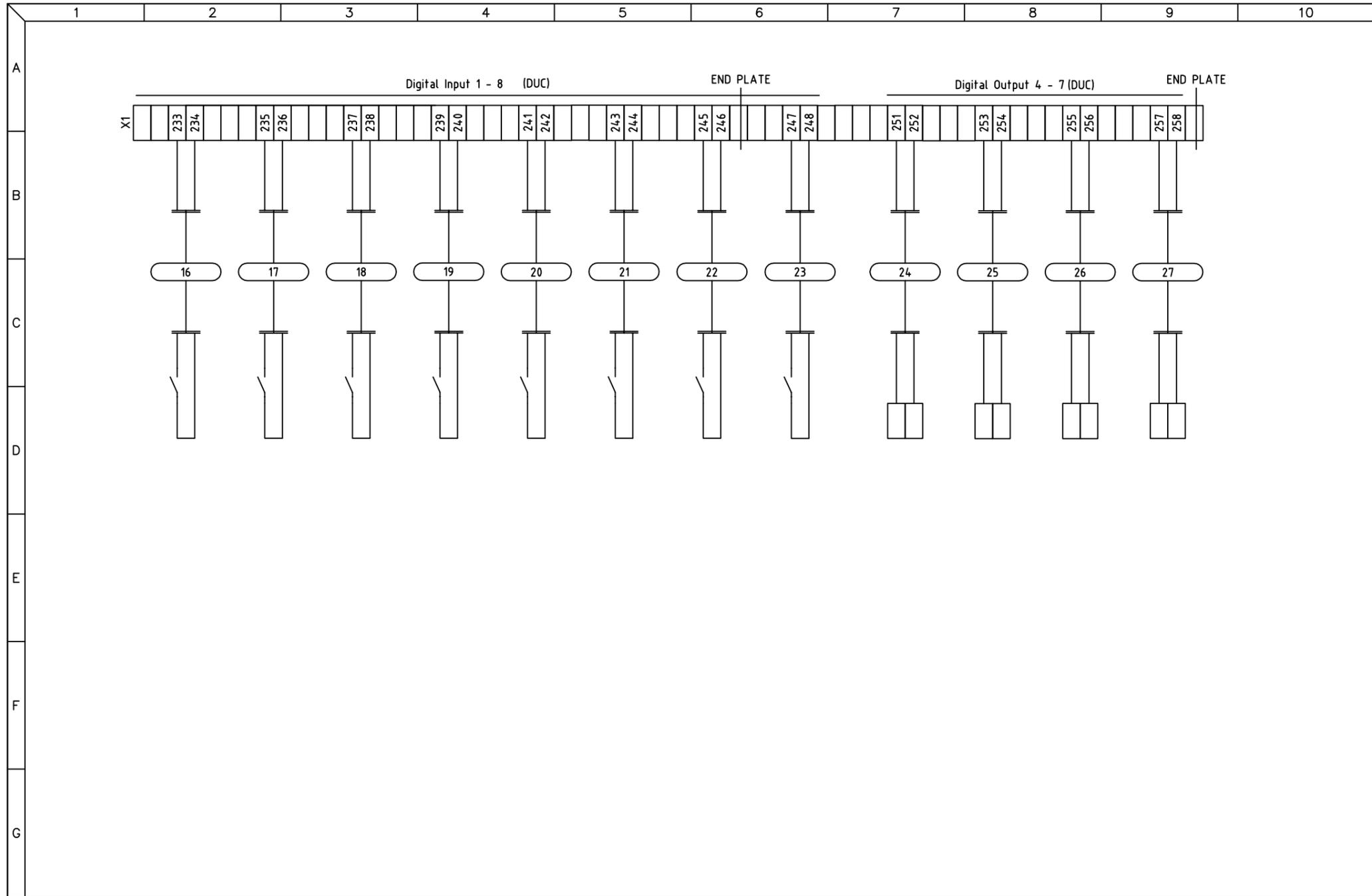
UTG. 230V-FEED  
FOR EXTERNAL EQUIPMENT  
(230V CONSUMPTION MAX 6A)

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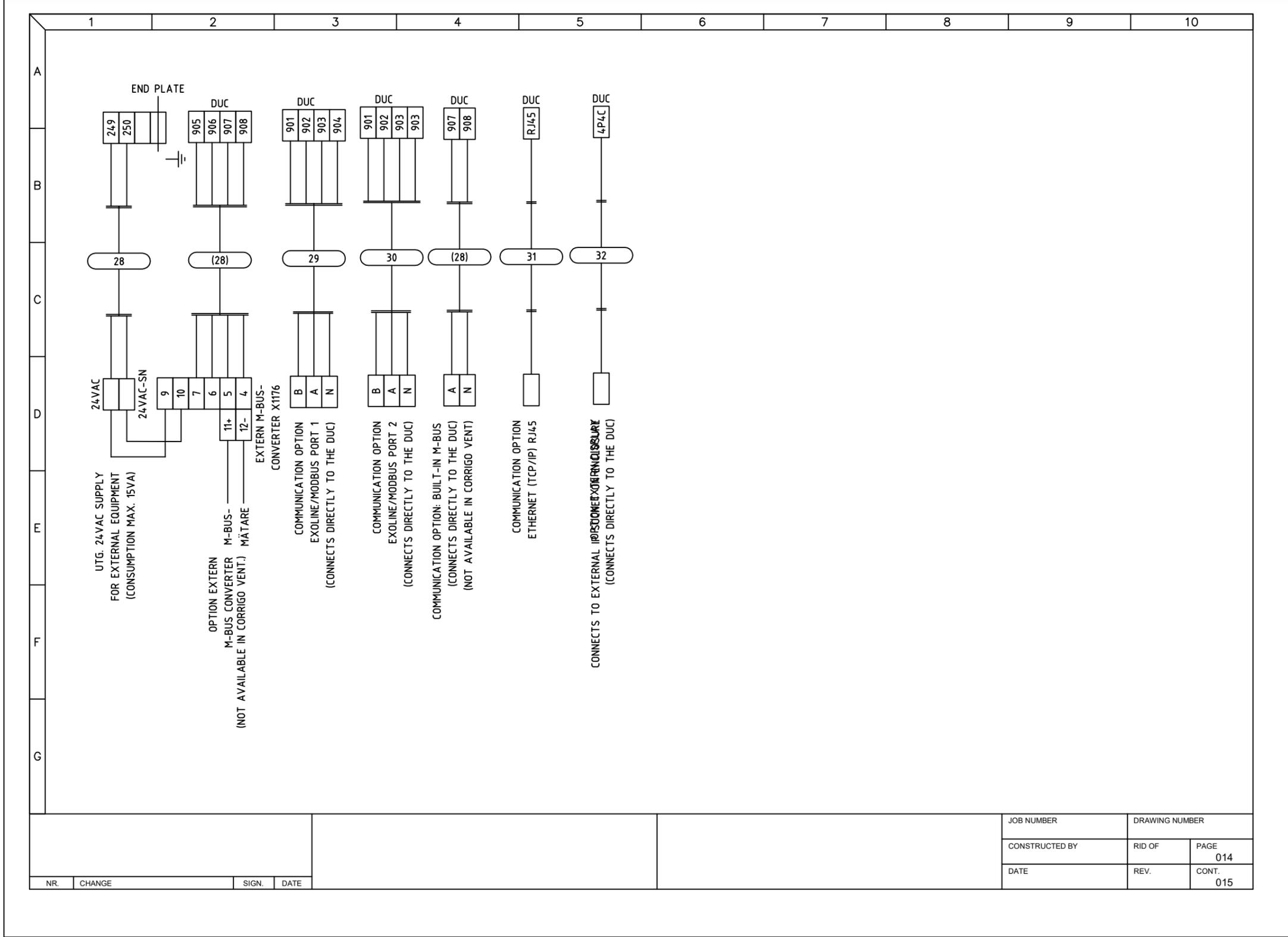


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NR.	CHANGE	SIGN.	DATE

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