

0	1	2	3	4	5	6	7	8	9		
A										A	
B										B	
C										C	
D										D	
E										E	
F										F	
				DATA				MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201			=
				DISEGN.	MARIANI T.						+
				VISTO							FG.
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736			F.S.
0	1	2	3	4	5	6	7	8	9		



Schema elettrico AM2736
CELLA ROBOTIZZATA PER TARATURA
TERMICA AM2445

				DATA				MACCHINA: AM2736			=
				DISEGN.	MARIANI T.			CELLA ROBOTIZZATA TT SN201			+
				VISTO				NOME MACCHINA E DESCRIZIONE			FG. 2
REV.	MODIFICA	DATA	FIRMA	APPR.			FILE : AM2736				F.S. 3

DATI CARATTERISTICI ELETTRICI DELL'IMPIANTO

costruttore:

ABB S.p.A.

anno:

2014/07

impianto:

CELLA ROBOTIZZATA PER T.T. AM2445

commessa:

AM2736

Alimentazione Generale:

Un = 1 x 380 V + N + PE

Frequenza:

Fn = 50 Hz

Alimentazione circuiti comando:

Un = 24 VDC

Normativa Elettrica di Riferimento:

I.E.C. 204-1: 1997-10 [C.E.I. EN 60204-1: 1998-04]

Simbologia Elettrica di Riferimento:

I.E.C. pubbl. 617-1.....-15

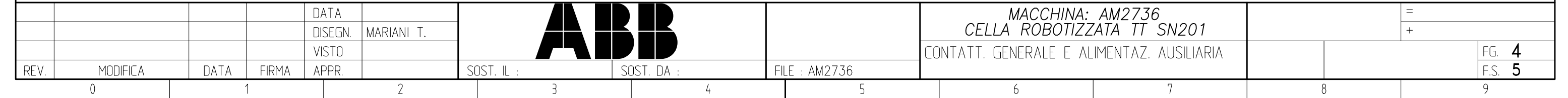
Sezione Cavi Alimentazione Raccomandati:

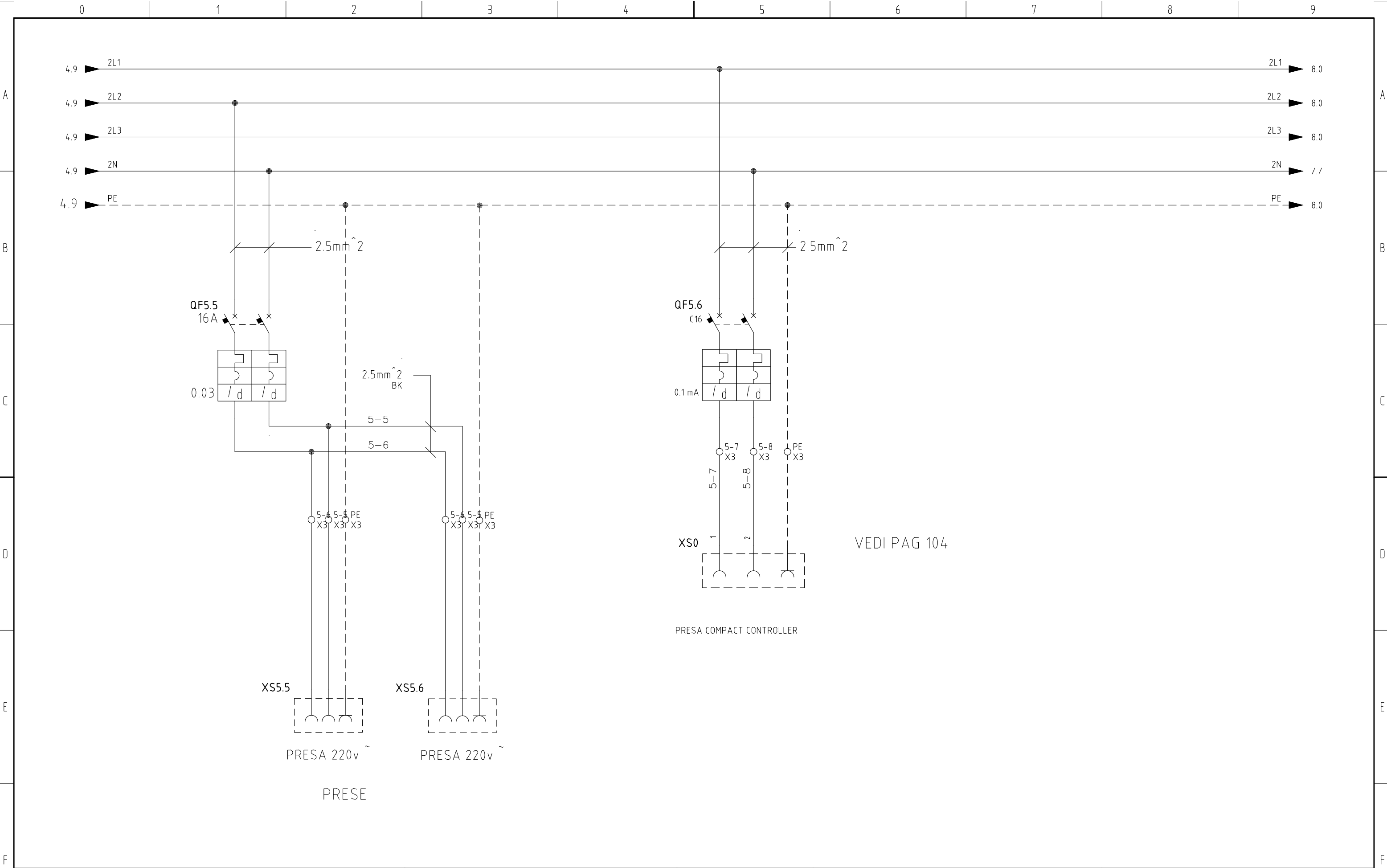
4 x 2.5 mm² [FASI+N] + 1 x 2.5 mm² [TERRA]

Dispositivo di Protezione Coordinato a Monte:

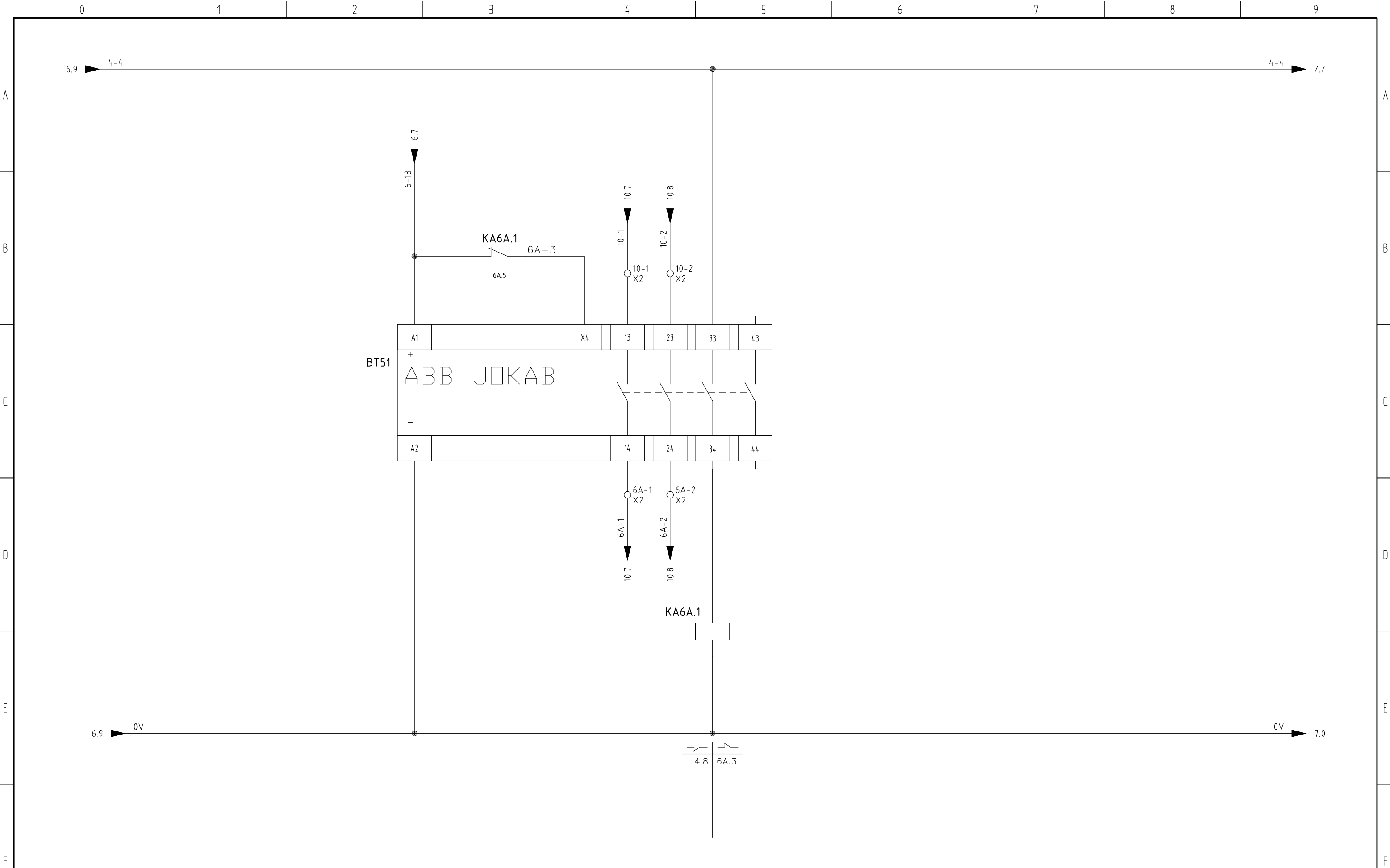
In = 20A

				DATA				MACCHINA: AM2736			=
				DISEGN.	MARIANI T.			CELLA ROBOTIZZATA TT SN201			+
				VISTO				DATI CARATTERISTICI ELETTRICI DELL'IMPIANTO			FG. 3
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736		F.S. 4



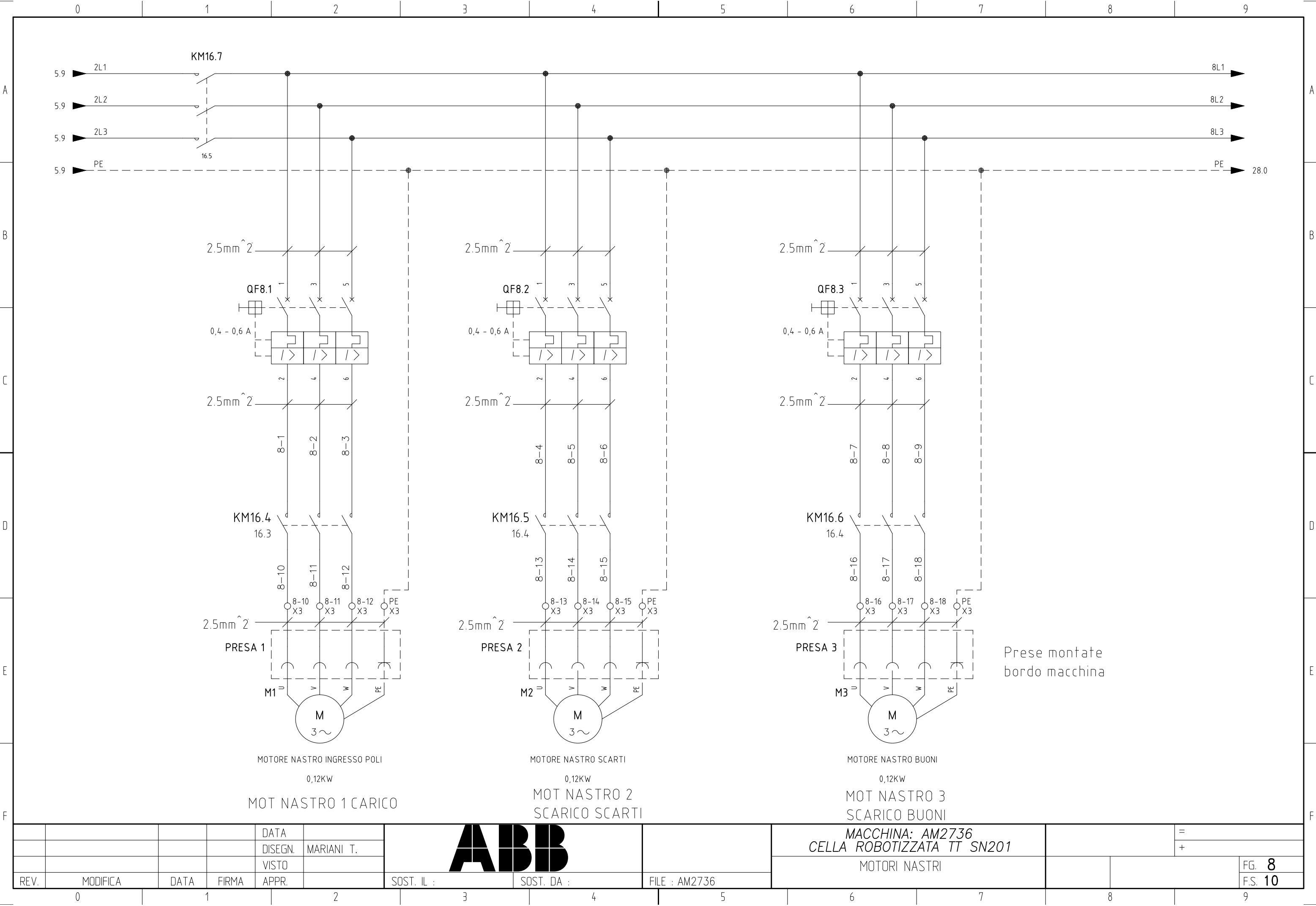


				DATA				MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201		=									
				DISEGN.	MARIANI T.					+									
				VISTO				PRESE 220V E ALIM. COMPACT CONTROLLER			FG. 5								
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736		F.S. 6								
0		1		2		3		4		5		6		7		8		9	



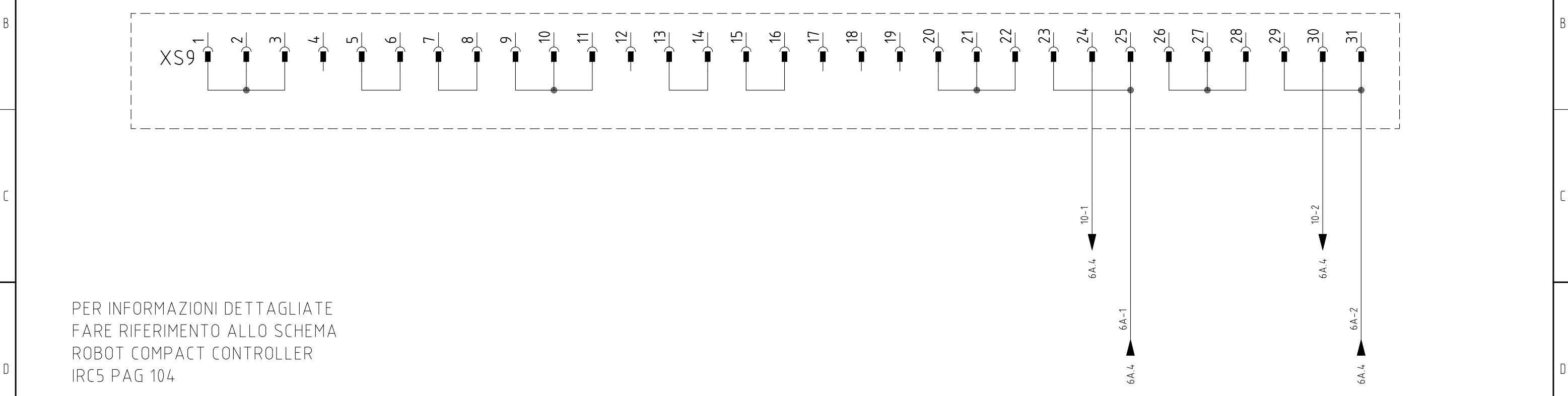
				DATA		ABB		MACCHINA: AM2736	=	
				DISEGN.	MARIANI T.			CELLA ROBOTIZZATA TT SN201	+	
				VISTO				RELE SICUREZZA BT51		FG. 6A
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736	F.S. 7

F



				DATA		ABB		MACCHINA: AM2736	=		
				DISEGN.	MARIANI T.			CELLA ROBOTIZZATA TT SN201			
				VISTO				MOTORI NASTRI			FG. 8
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736			F.S. 10

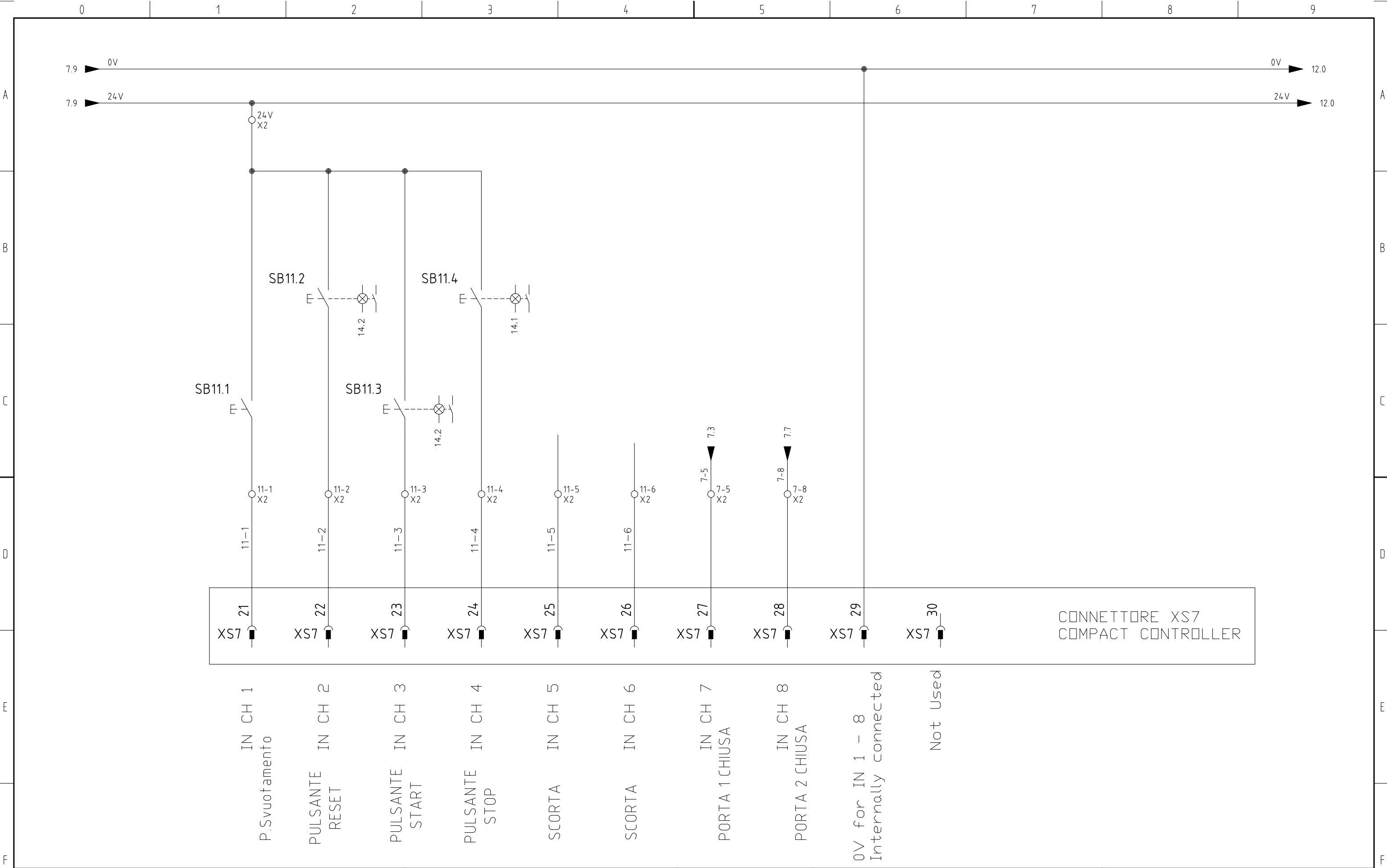
A COLLEGAMENTO CONNETTORE XS9 PER
GESTIONE RIPARI MACCHINA A



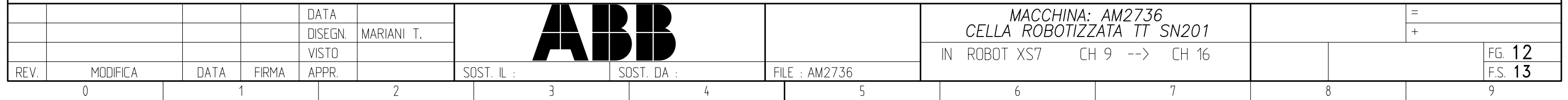
PER INFORMAZIONI DETTAGLIATE
FARE RIFERIMENTO ALLO SCHEMA
ROBOT COMPACT CONTROLLER
IRC5 PAG 104

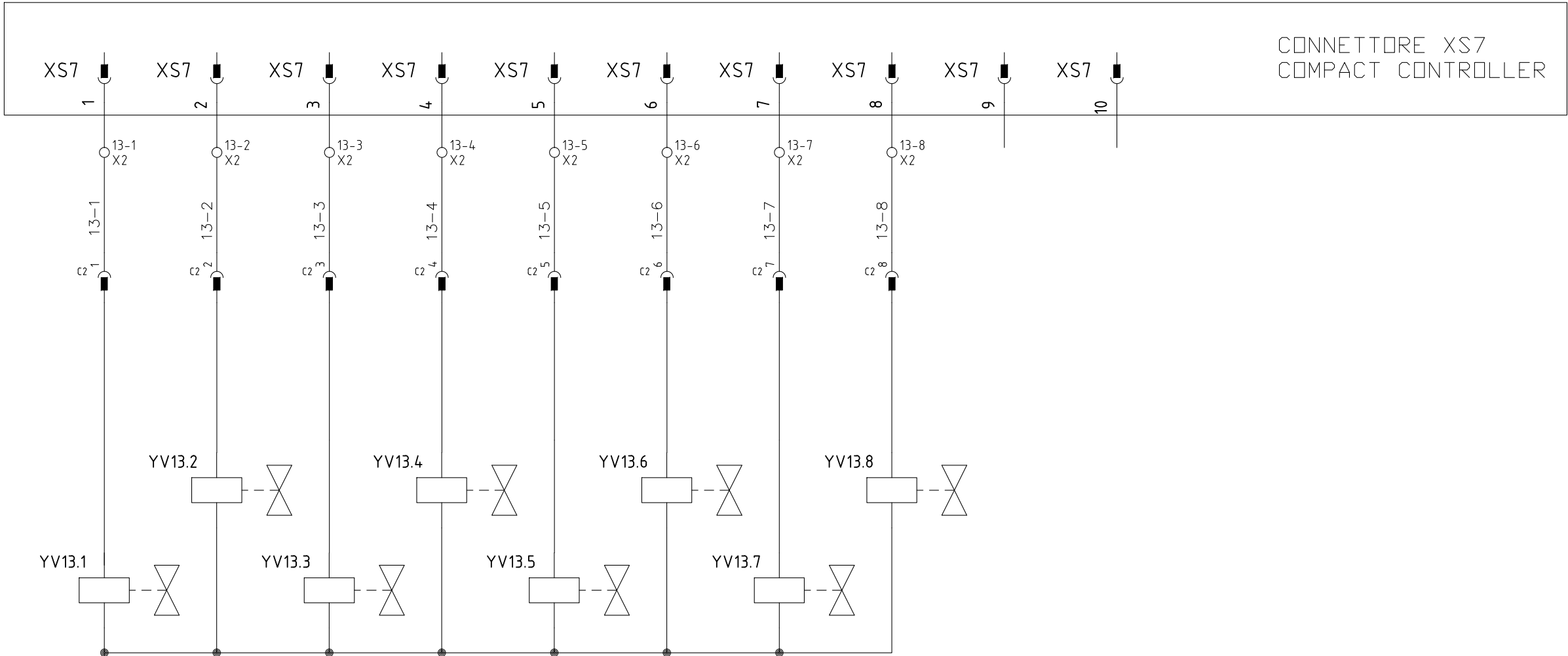
A valle relè emergenza ripari

				DATA		ABB		MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201			=	
				DISEGN.	MARIANI T.							+
				VISTO					GESTIONE SICUREZZE ROBOT			
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736			FG. 10	
											F.S. 11	
0		1		2		3		4		5		
6		7		8		9						



				DATA		ABB		MACCHINA: AM2736			=	
				DISEGN.	MARIANI T.			CELLA ROBOTIZZATA TT SN201			+	
				VISTO				IN ROBOT XS7 CH 1 --> CH 8			FG. 11	
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736		F.S. 12	
0		1			2	3	4	5	6	7	8	9





				DATA		ABB			MACCHINA: AM2736			=		
				DISEGN.	MARIANI T.				CELLA ROBOTIZZATA TT SN201					+
				VISTO					OUT ROBOT XS7 CH 1 --> CH 8					
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736				FG. 13		
												F.S. 14		

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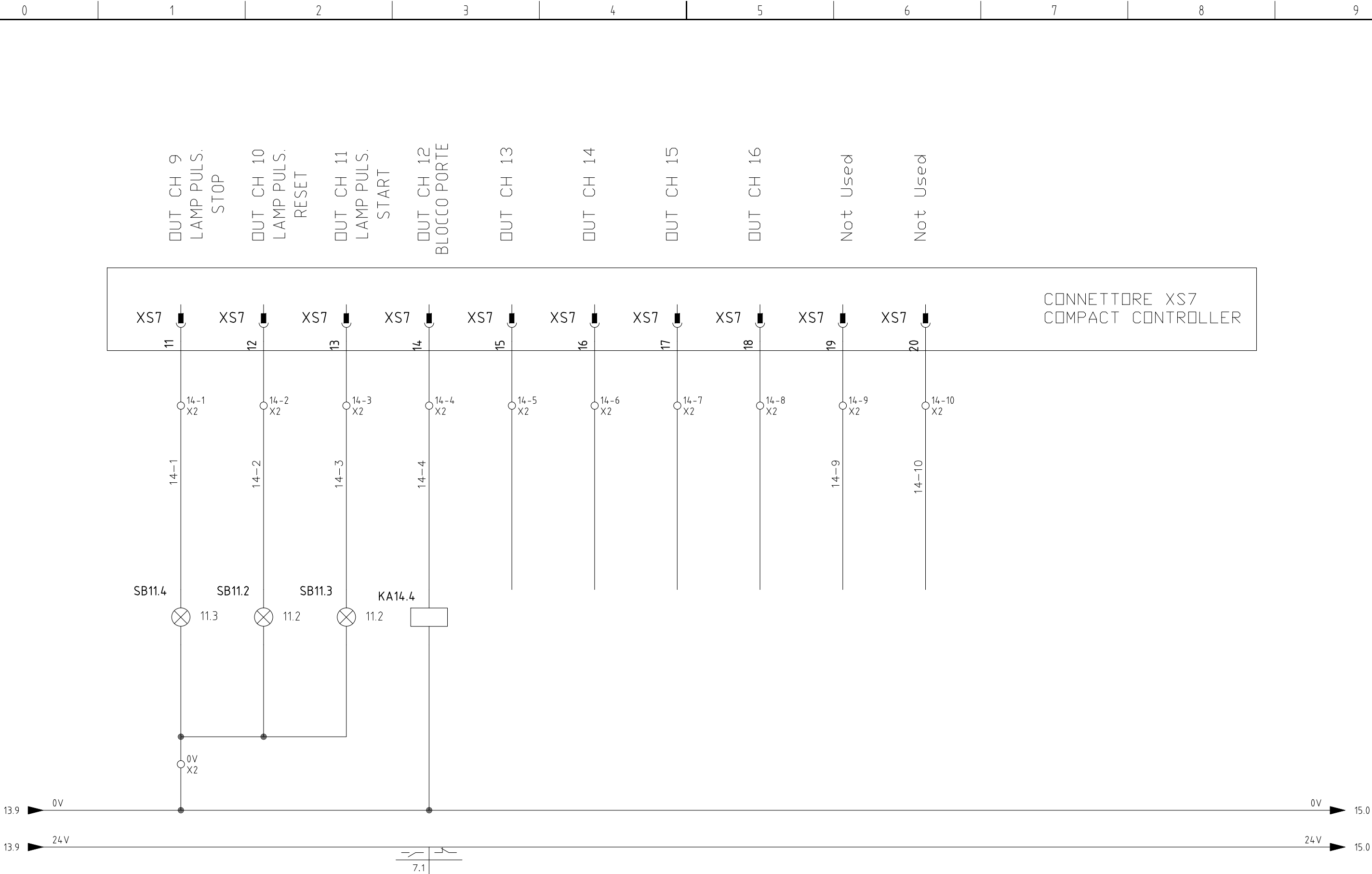
B

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				DATA				MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201			=		
				DISEGN.	MARIANI T.				+				
				VISTO				OUT ROBOT XS7 CH 9 --> CH 16				FG. 14	
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736			F.S. 15	

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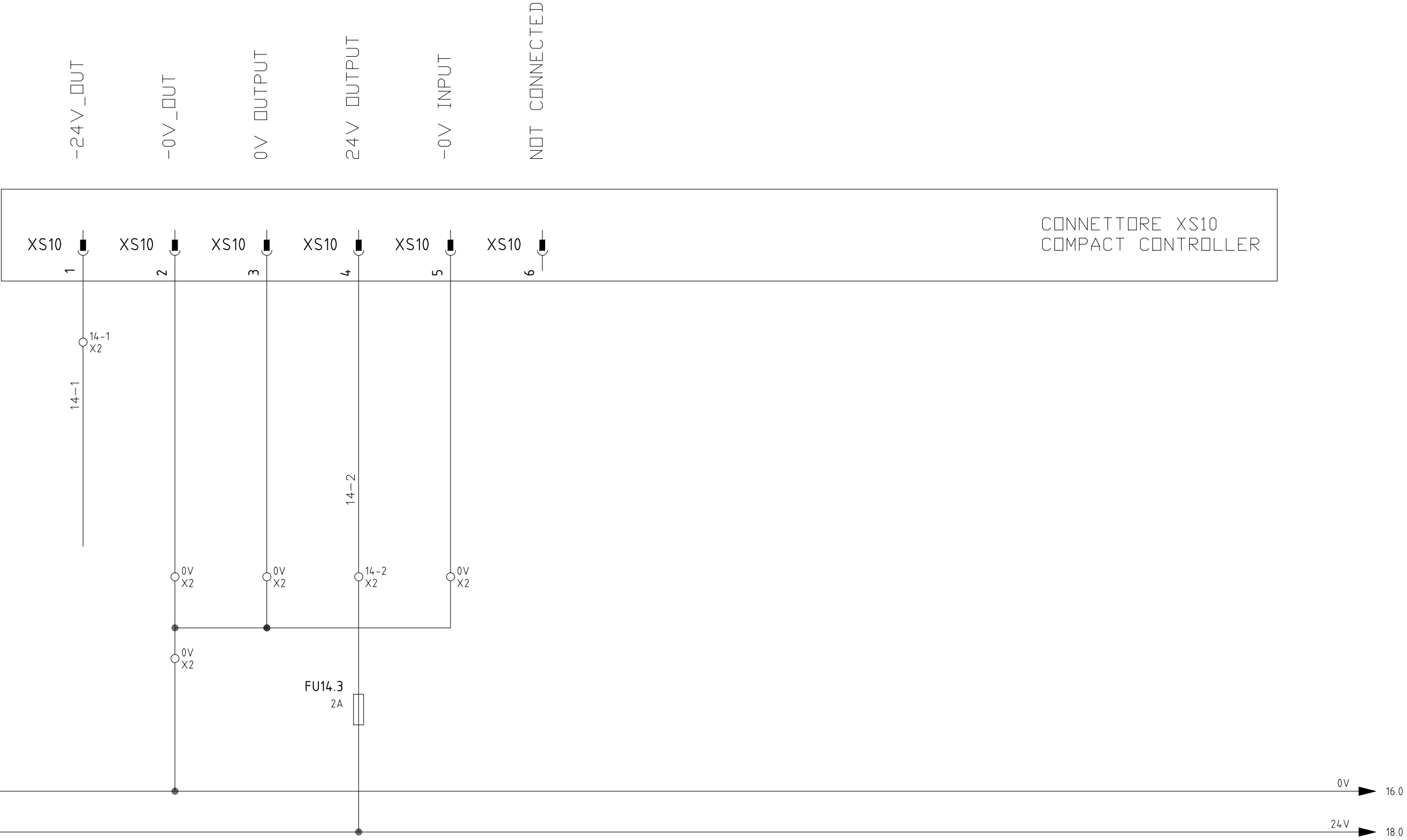
B

C

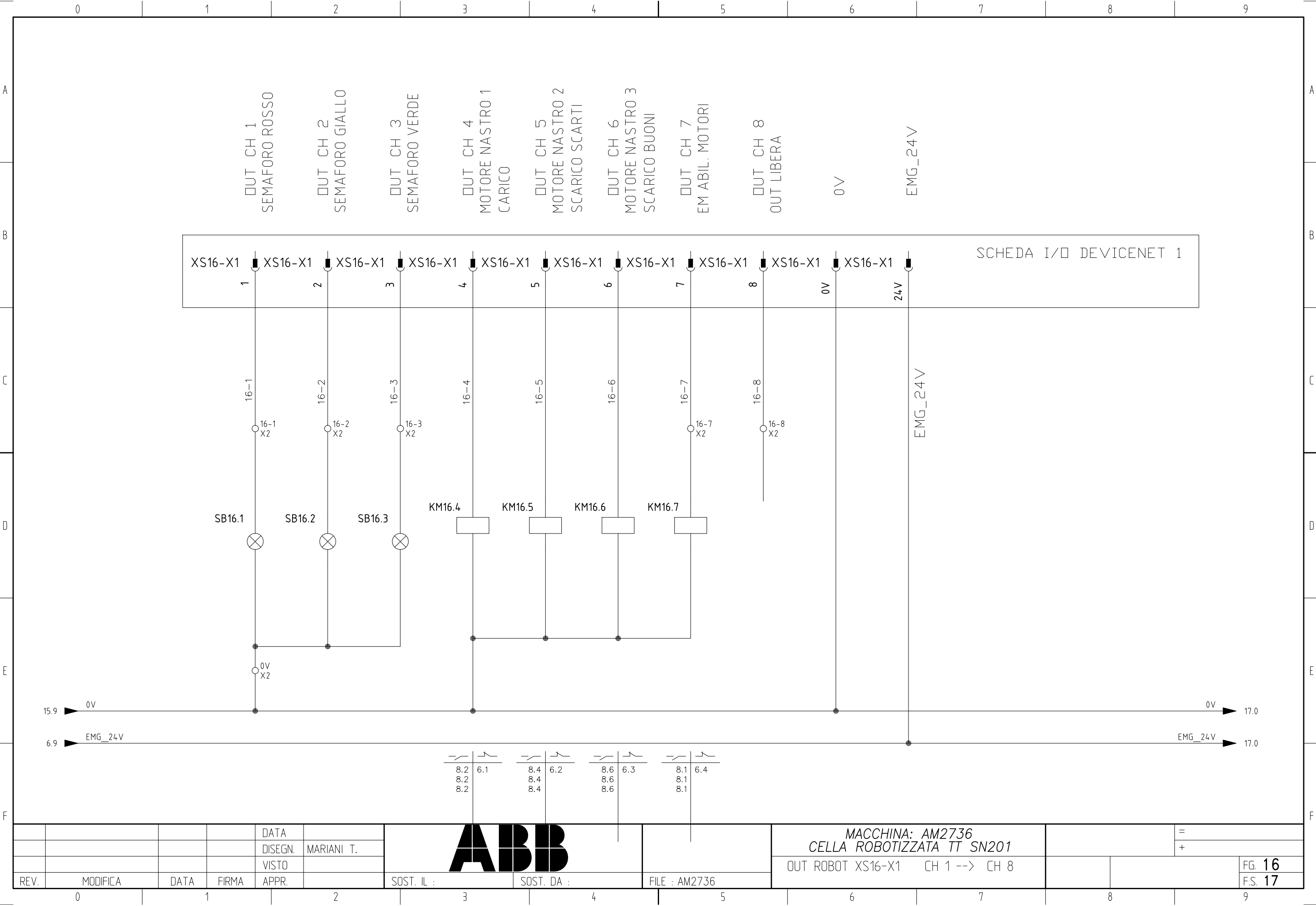
D

E

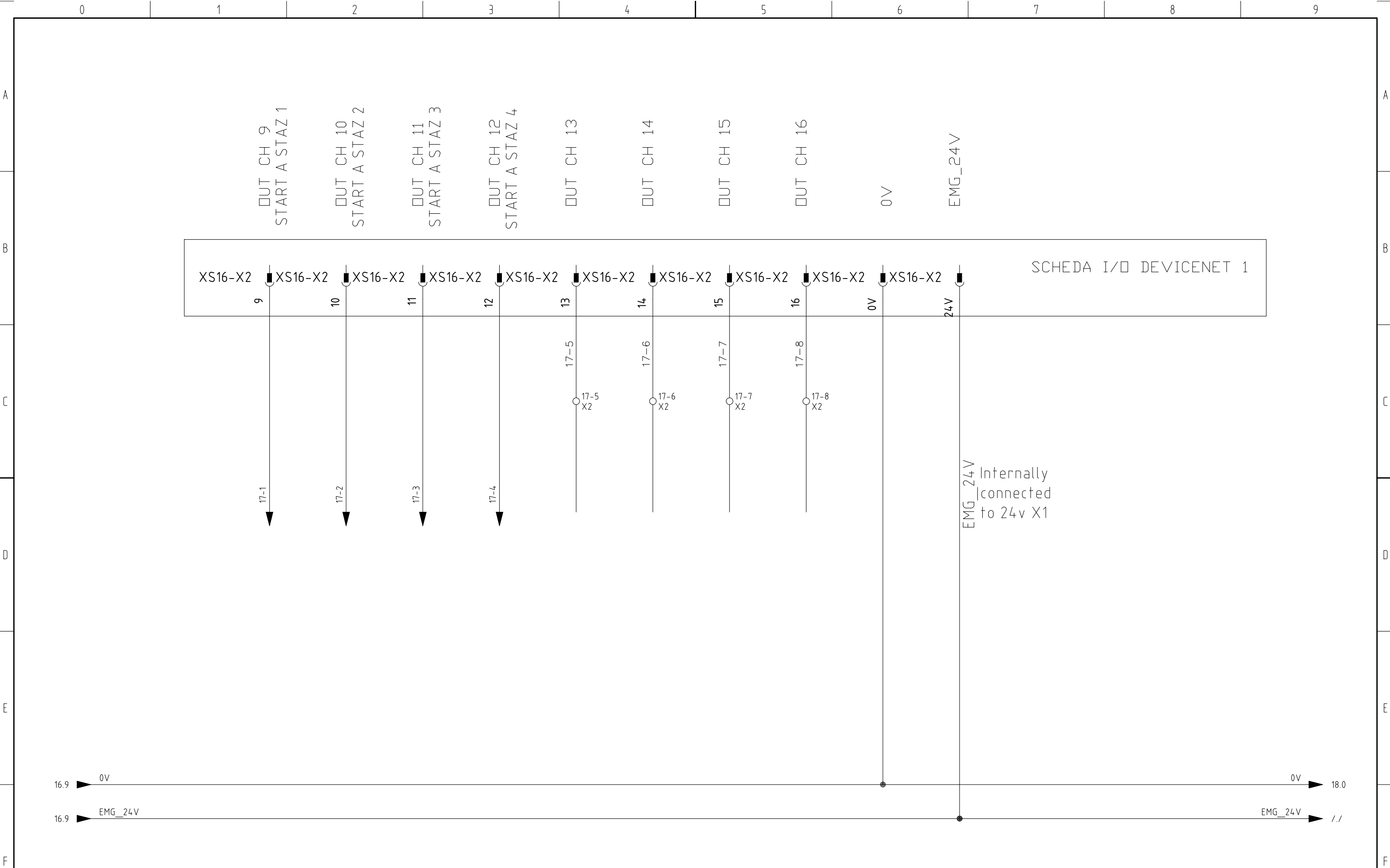
F



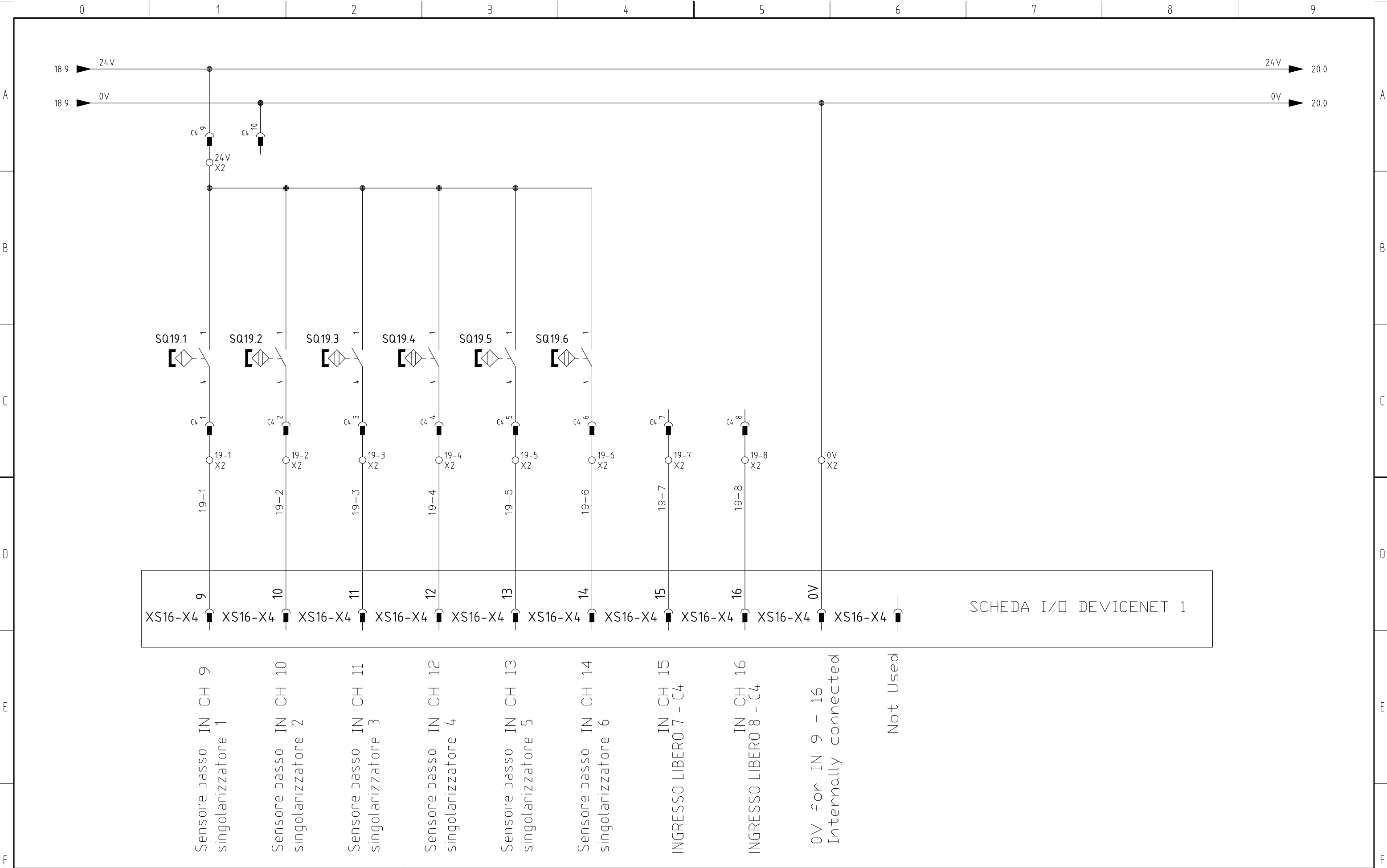
				DATA				MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201		=		
				DISEGN.	MARIANI T.					+		
				VISTO					CONNETTORE XS10 POWER SUPPLY			FG. 15
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736			F.S. 16



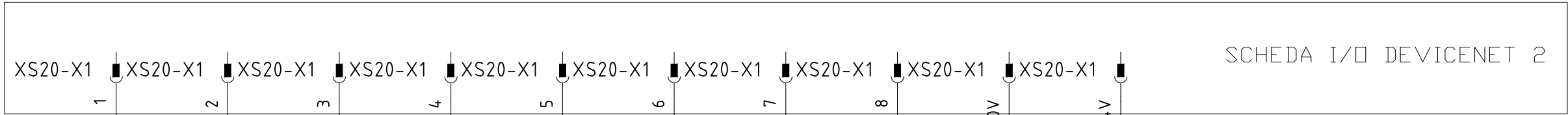
				DATA					MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201		=	
				DISEGN.	MARIANI T.						+	
				VISTO					OUT ROBOT XS16-X1 CH 1 --> CH 8			FG. 16
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736			F.S. 17



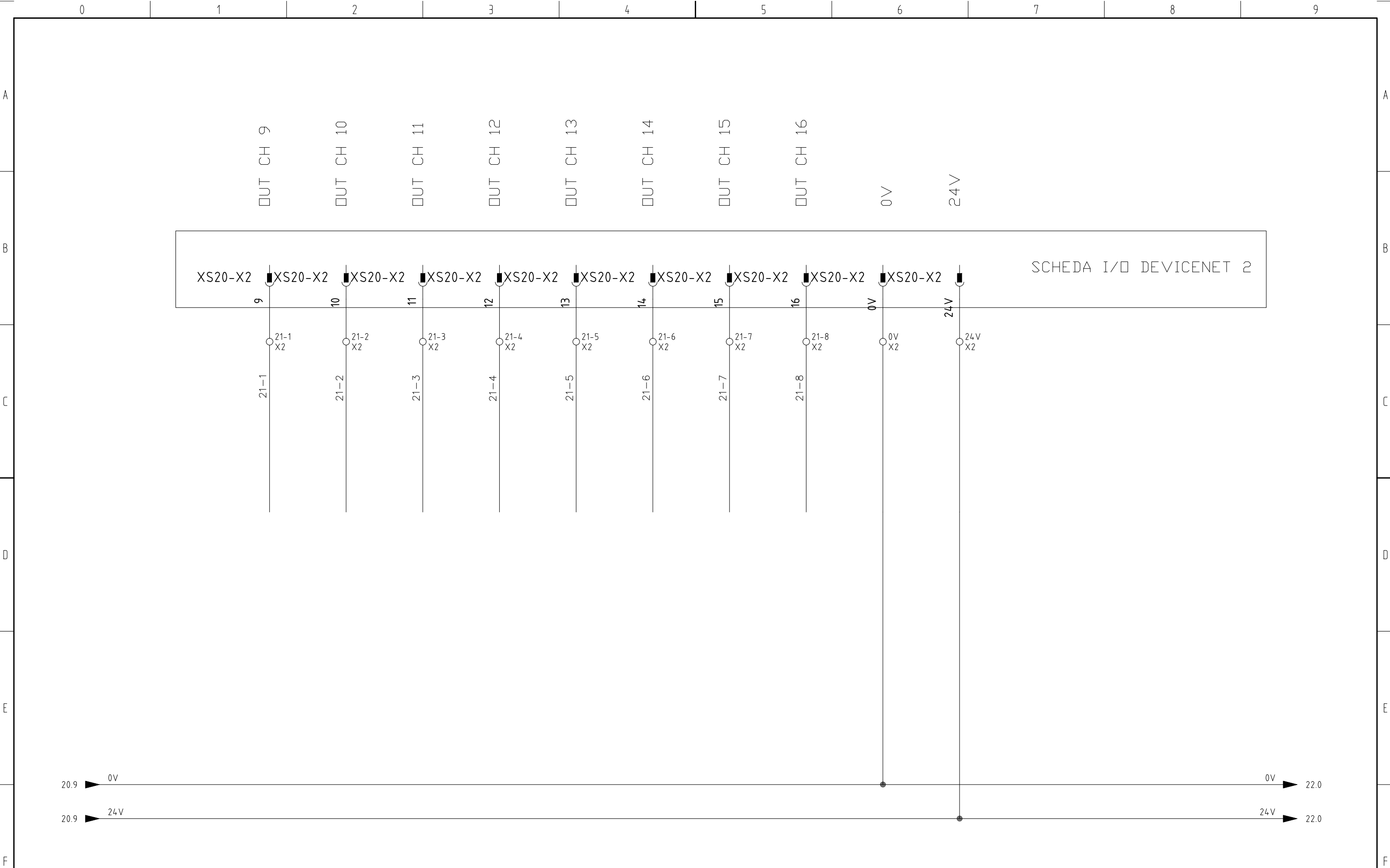
				DATA				MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201			=								
				DISEGN.	MARIANI T.						+								
				VISTO															
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736			FG. 17 F.S. 18							
0		1		2		3		4		5		6		7		8		9	



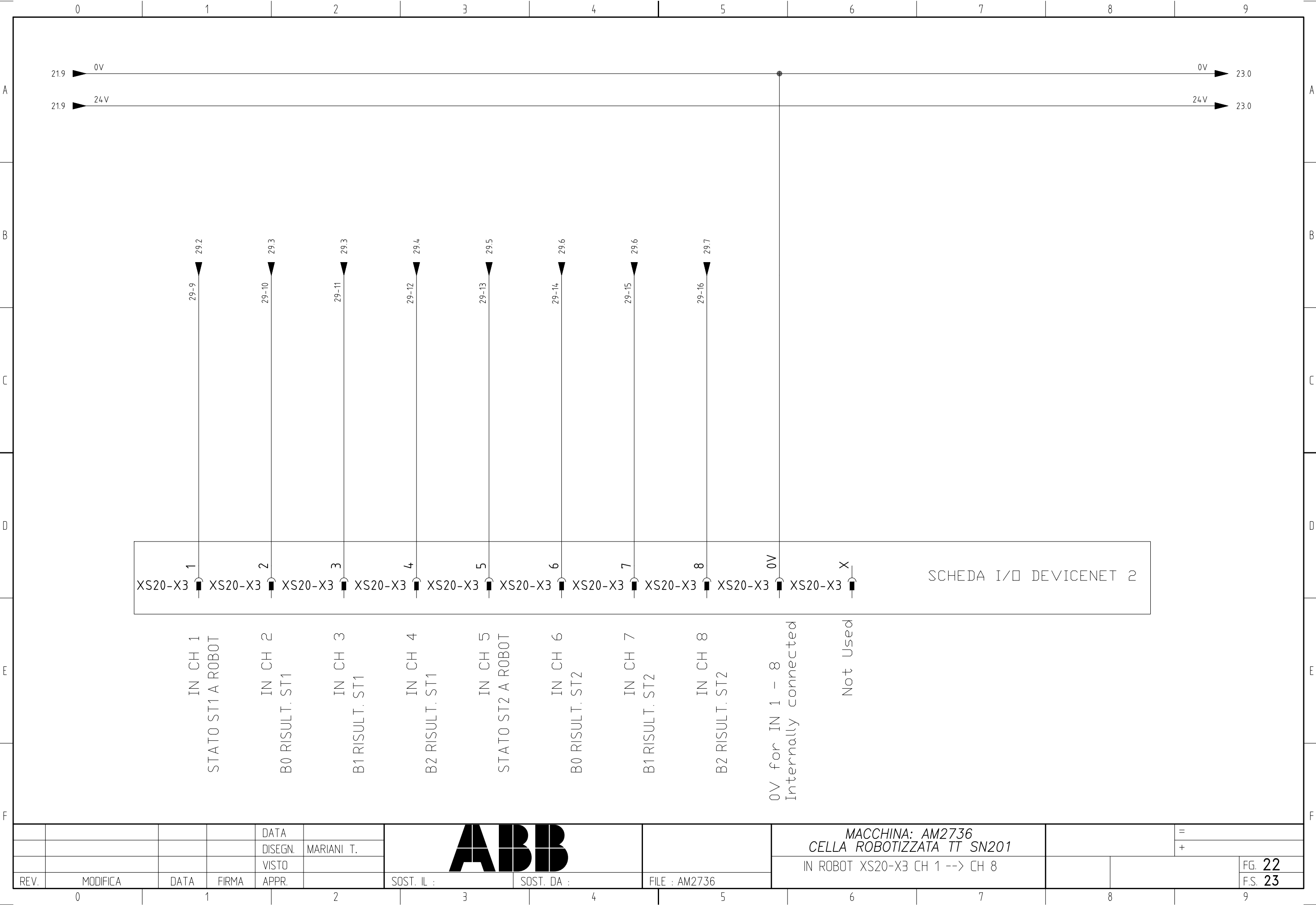
				DATA		ABB			MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201		=	
				DISEGN.	MARIANI T.				+			
				VISTO					IN ROBOT XS16-X4 CH 9 --> CH 16			
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736				FG. 19 F.S. 20

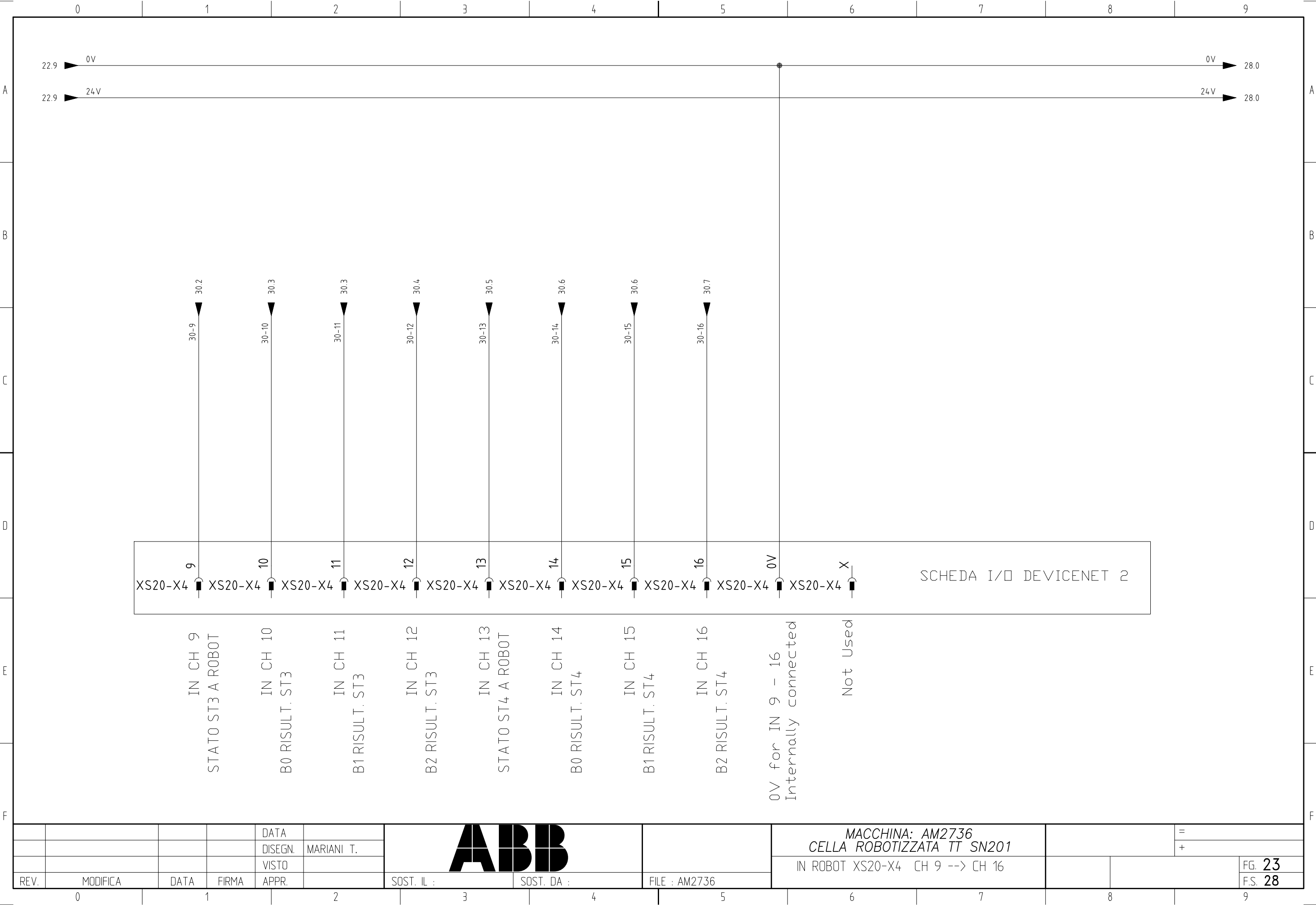


ABB



				DATA				MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201			=								
				DISEGN.	MARIANI T.						+								
				VISTO					OUT ROBOT XS20-X2 CH 9 --> CH 16			FG. 21							
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736			F.S. 22							
0		1		2		3		4		5		6		7		8		9	

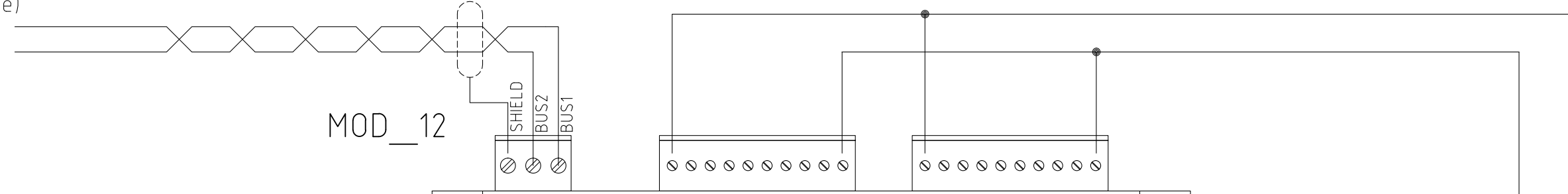




				DATA		ABB		MACCHINA: AM2736			=
				DISEGN.	MARIANI T.			CELLA ROBOTIZZATA TT SN201			+
				VISTO				IN ROBOT XS20-X4 CH 9 --> CH 16			FG. 23
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736			F.S. 28

0123456789

BUS CS31 proveniente dall'ultimo modulo della macchina di T.T. AM2445, inserire resistenza terminale DA 120 Ohm. (Togliere quella gia presente)



MOD_12

CS31
X1

E/A1200....E/A1207
X2

E/A1208....E/A1215
X3

DIP SWITCH POSTI SU LATO DX MODULO

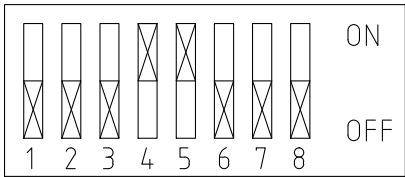
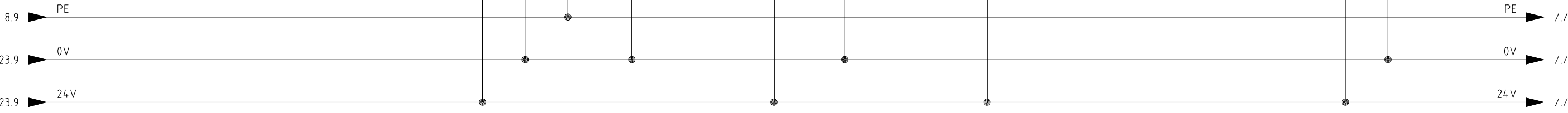


ABB 07DC92

X4
DC-IN 15W
L+ L+ M M PE

X5
E/A1300....E/A1307

X6
E/A1308....E/A1315



				DATA		ABB		MACCHINA: AM2736		=	
				DISEGN.	MARIANI T.			CELLA ROBOTIZZATA TT SN201		+	
				VISTO				MODULO I/O 07DC92 INTERFACCIA TT		FG. 28	
REV.	MODIFICA	DATA	FIRMA	APPR.			SOST. IL :	SOST. DA :	FILE : AM2736	F.S. 29	

A

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A

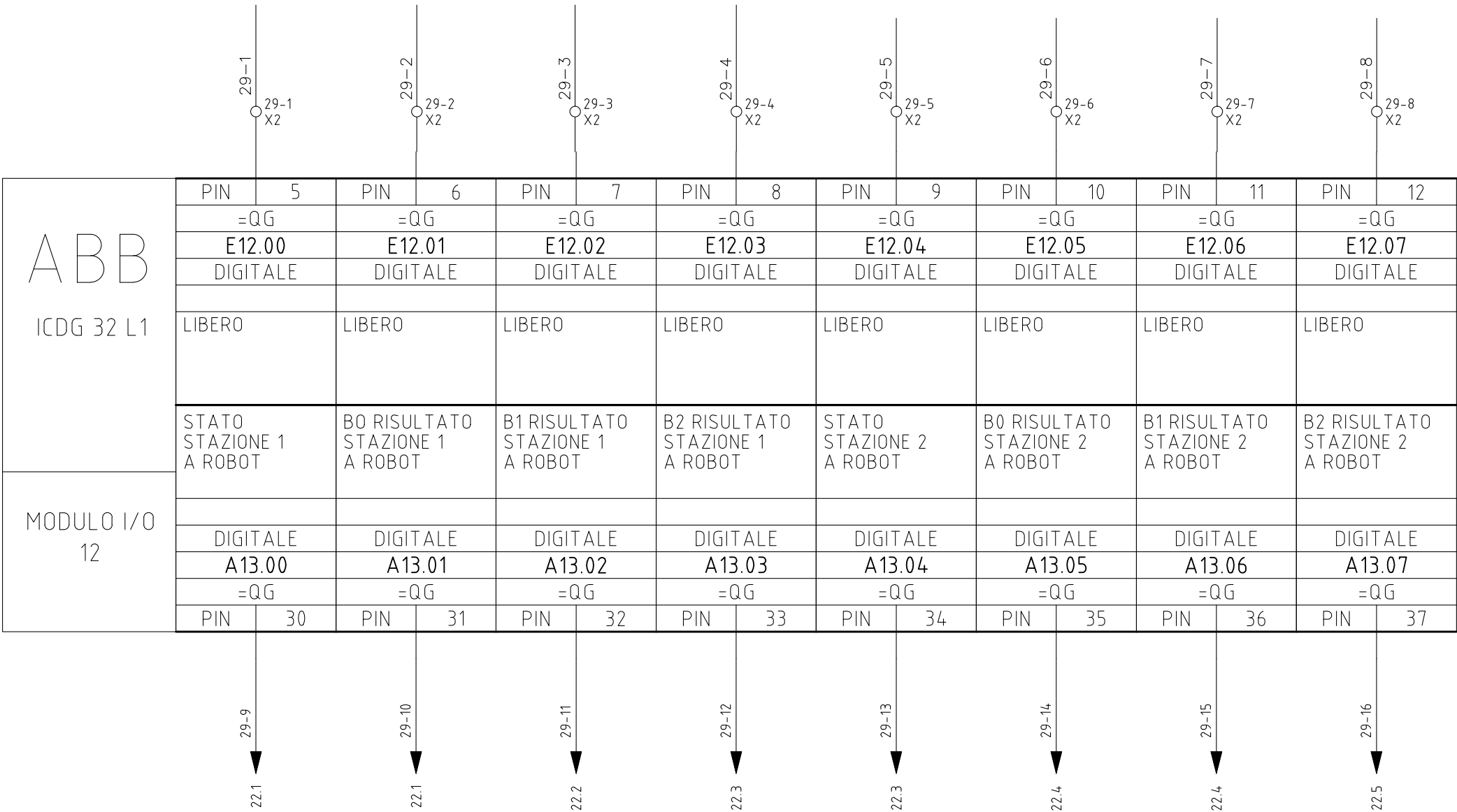
B

C

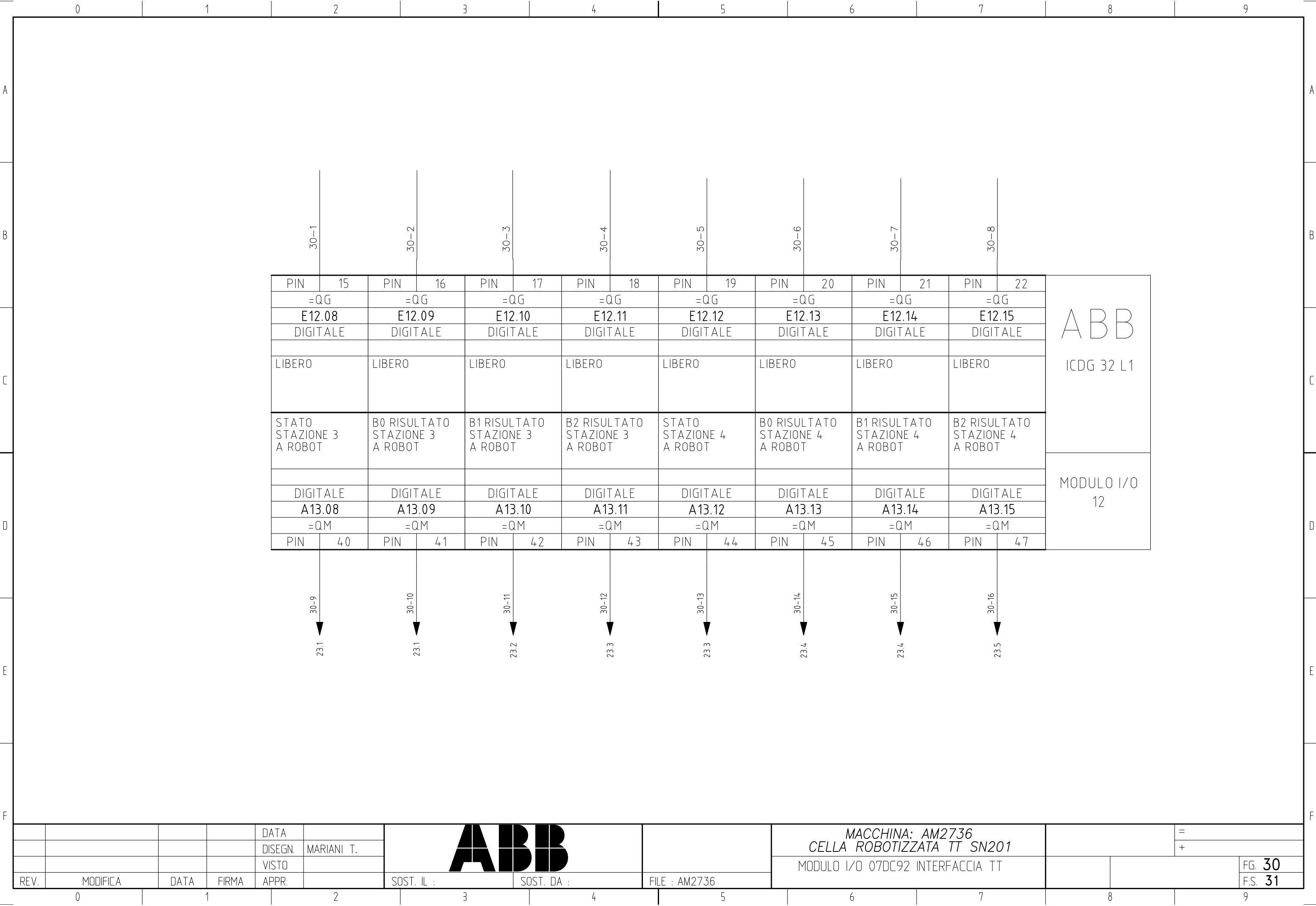
D

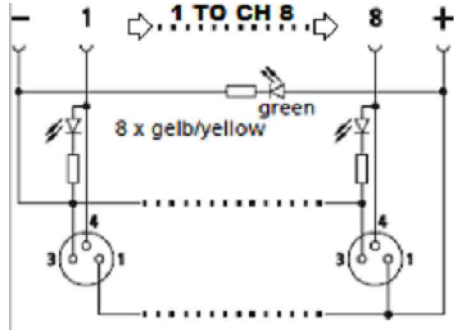
E

F



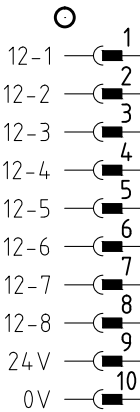
				DATA				MACCHINA: AM2736				=
				DISEGN.	MARIANI T.			CELLA ROBOTIZZATA TT SN201				+
				VISTO				MODULO I/O 07DC92 INTERFACCIA TT				FG. 29
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736				F.S. 30



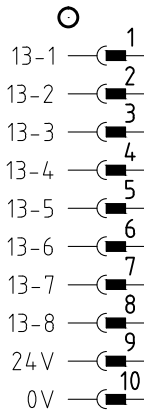


1 =	braun / brown / marrone	(9 +)
3 =	blau / blue / blu	(10 -)
4 =	weiß / white / bianco	(1)
4 =	grün / green / verde	(2)
4 =	gelb / yellow / giallo	(3)
4 =	grau / grey / grigio	(4)
4 =	rosa / pink / rosa	(5)
4 =	rot / red / rosso	(6)
4 =	schwarz / black / nero	(7)
4 =	violett / violet / viola	(8)

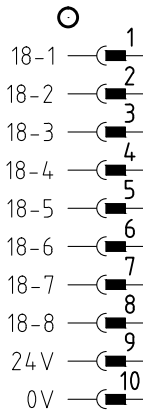
=BM - C1
CIABATTA IN 1



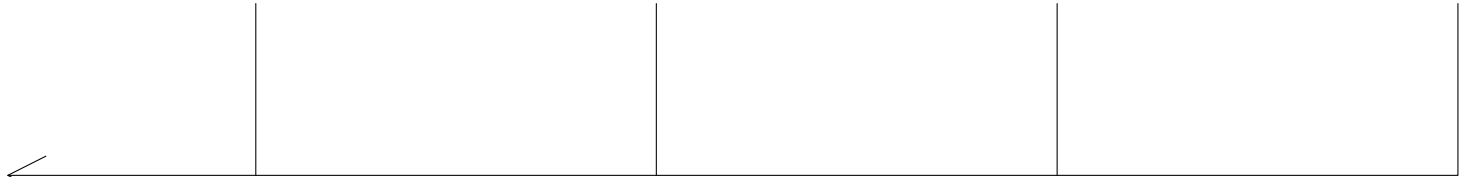
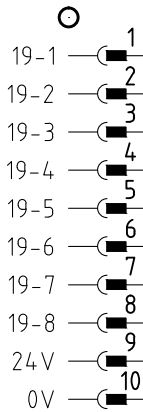
=BM - C2
CIABATTA OUT 2



=BM - C3
CIABATTA IN 3



=BM - C4
CIABATTA IN 4



A

01

23456789

ABB

MACCHINA: AM2736
CELLA ROBOTIZZATA TT SN201

DISEGNO MORSETTIERA X2

+

FIG. 32

E.S. 33

REV.

MODIFICA

DATA

FIRMA

APPR.

DATA

MARIANI T.

VISTO

SOST. IL :

SOST. DA :

FILE : AM2736

A

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A

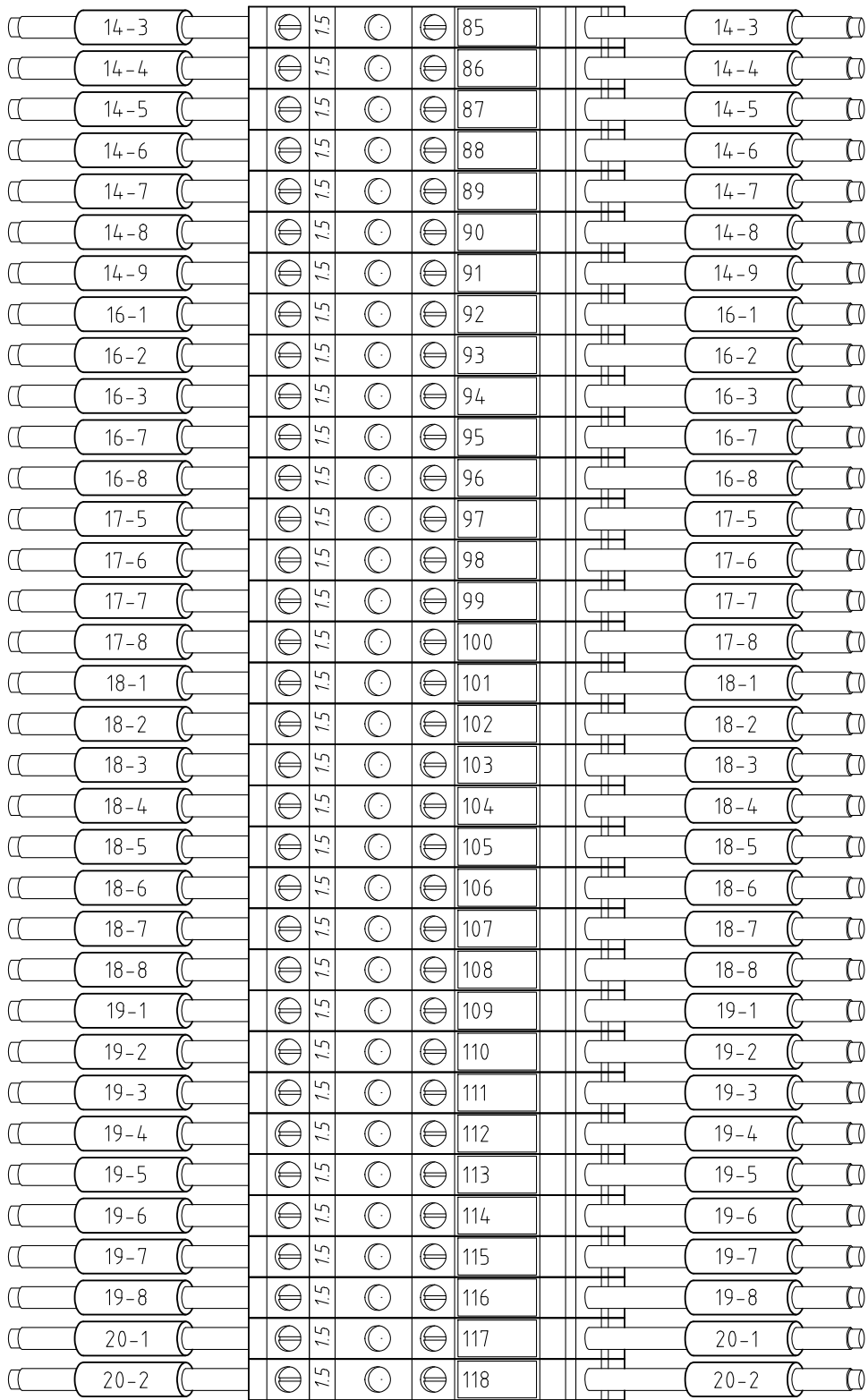
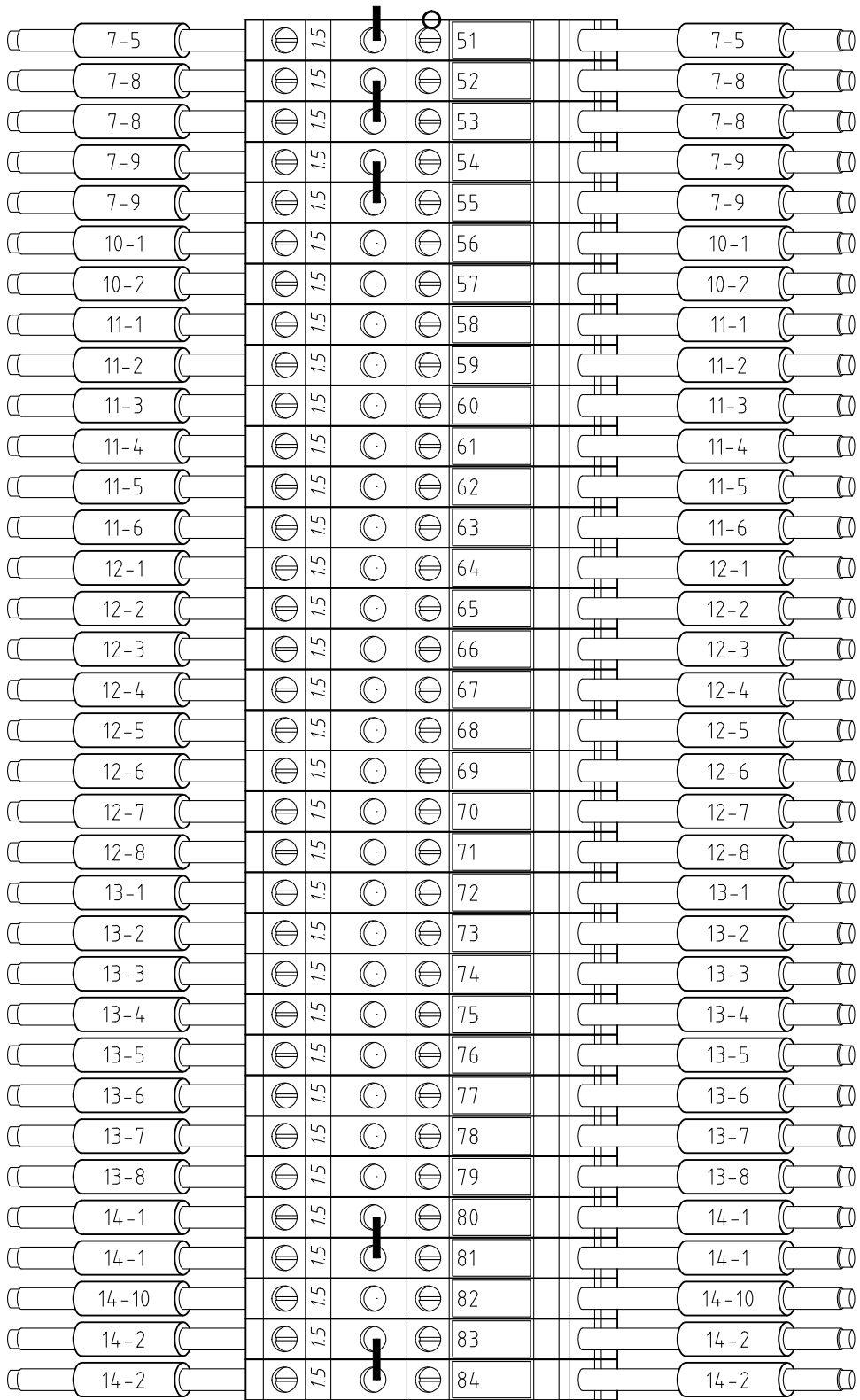
B

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F



				DATA		ABB			MACCHINA: AM2736				=	
				DISEGN.	MARIANI T.				CELLA ROBOTIZZATA TT SN201				+	
				VISTO					DISEGNO MORSETTIERA X2				FG. 33	
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736					F.S. 34	

A

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A

B

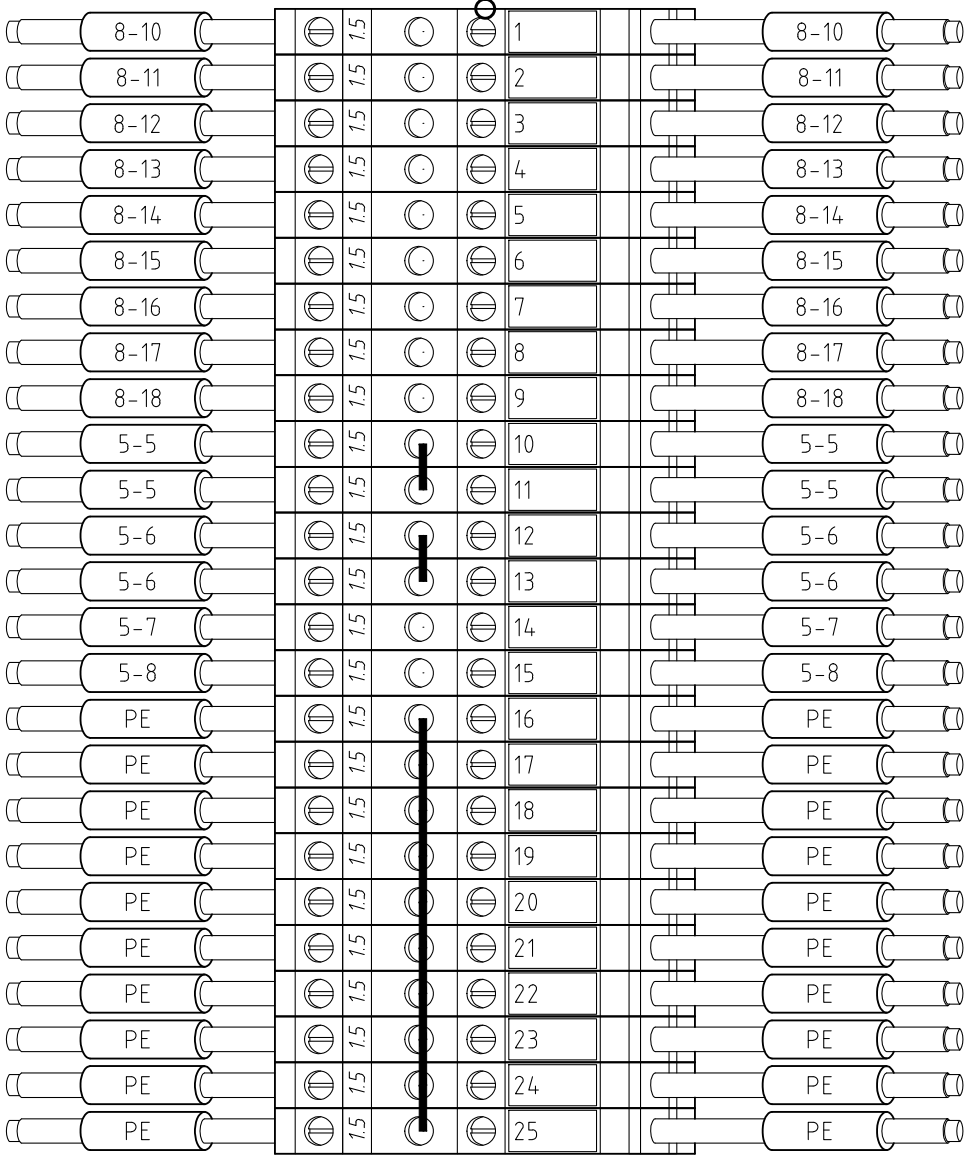
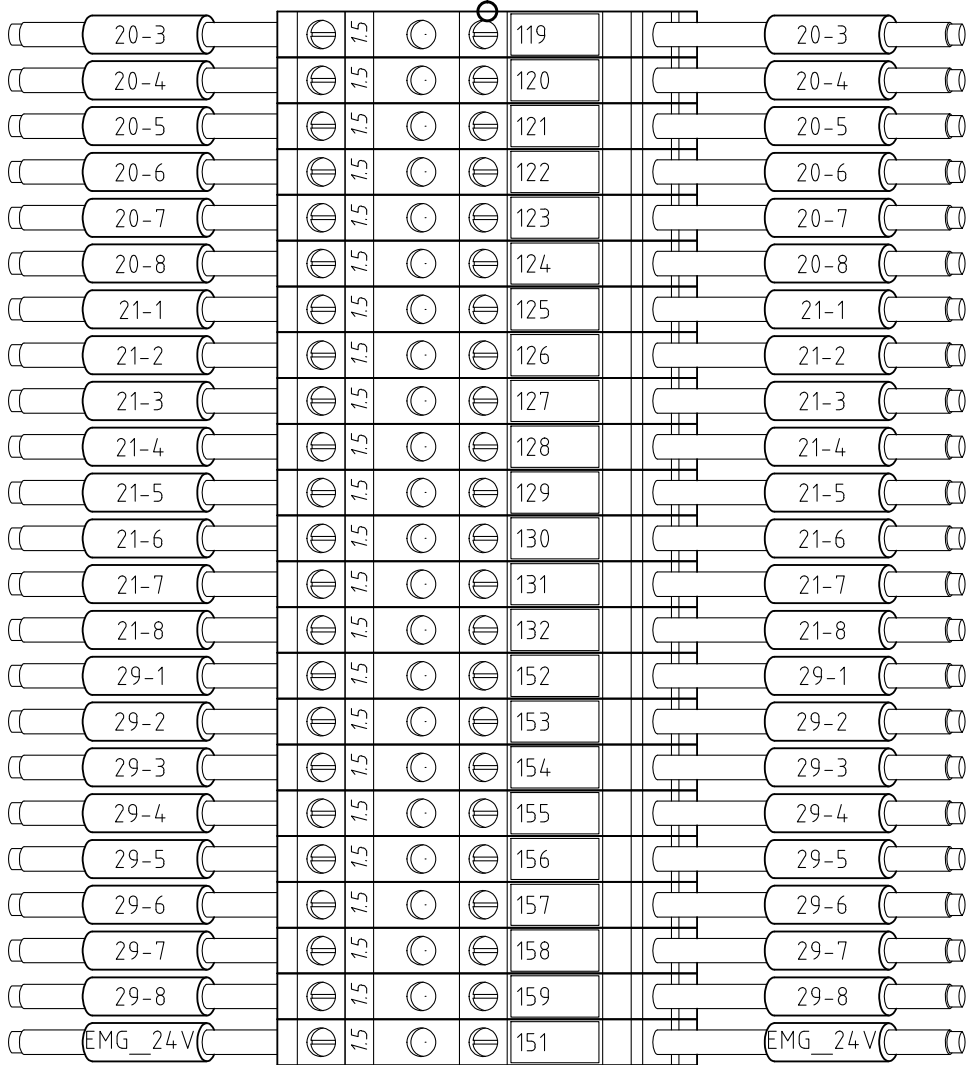
C

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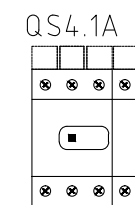
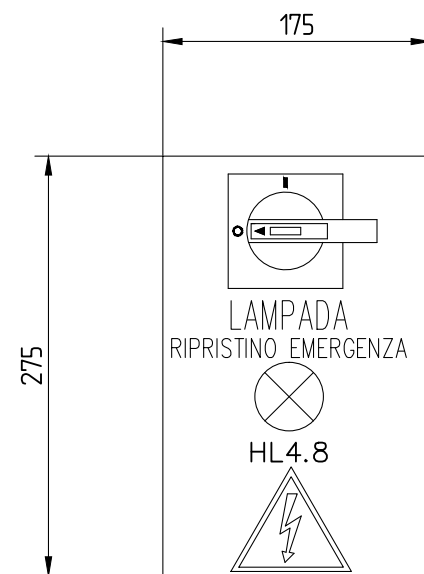
=QG - X3



0	1	2	3	4	5	6	7	8	9		
A										A	
B										B	
C										C	
D										D	
E										E	
F										F	
				DATA				MACCHINA: AM2736 CELLA ROBOTIZZATA TT SN201			=
				DISEGN.	MARIANI T.						+
				VISTO				FOGLIO VUOTO			
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736			FG. 35 F.S. 36
0	1	2	3	4	5	6	7	8	9		

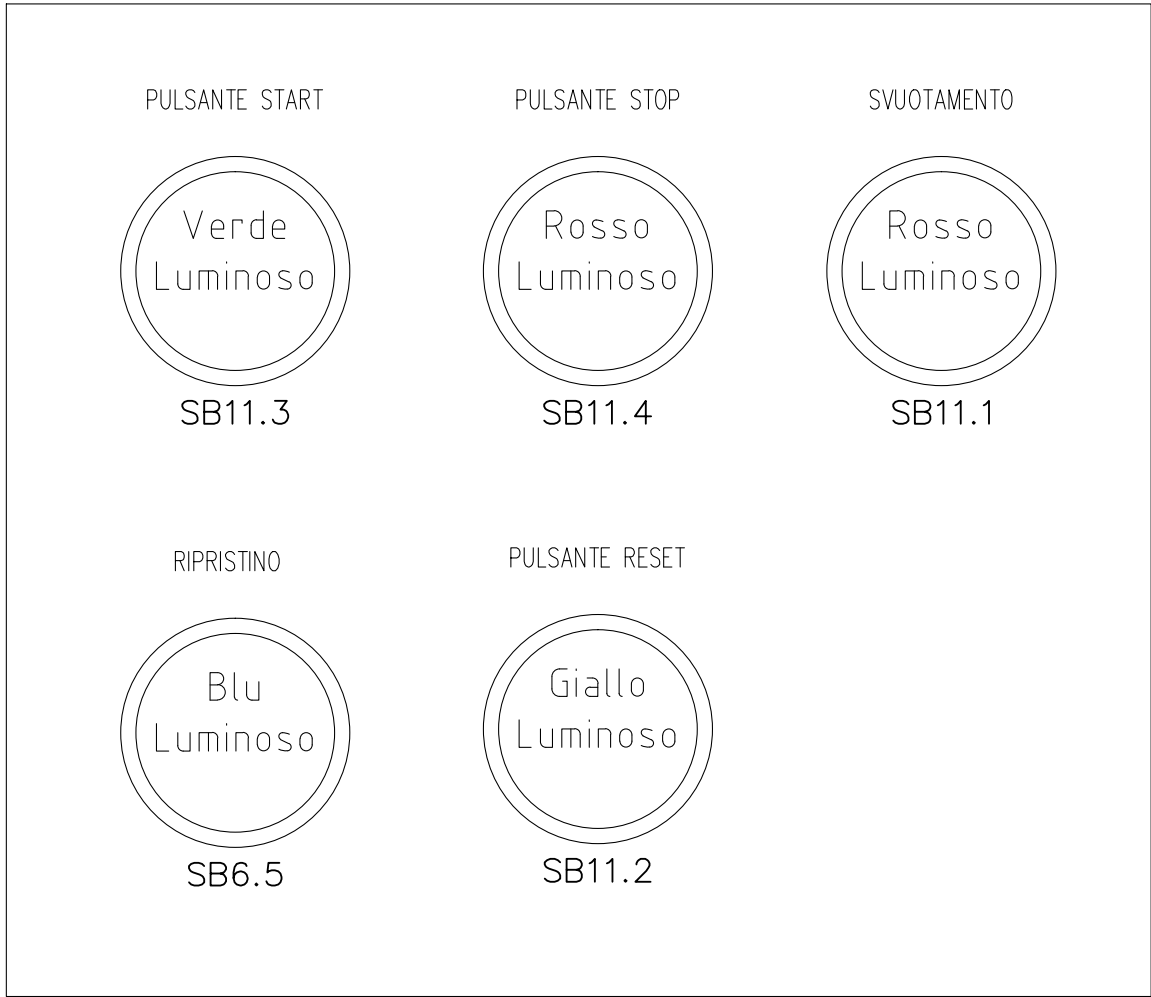
0	1	2	3	4	5	6	7	8	9				
A										A			
B										B			
C										C			
D										D			
E										E			
F										F			
				DATA				MACCHINA: AM2736			=		
				DISEGN.	MARIANI T.			CELLA ROBOTIZZATA TT SN201			+		
				VISTO				FOGLIO VUOTO					
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2736			FG. 36		
0		1			2		3	4	5	6	7	8	9

SCATOLA LATO MACCHINA

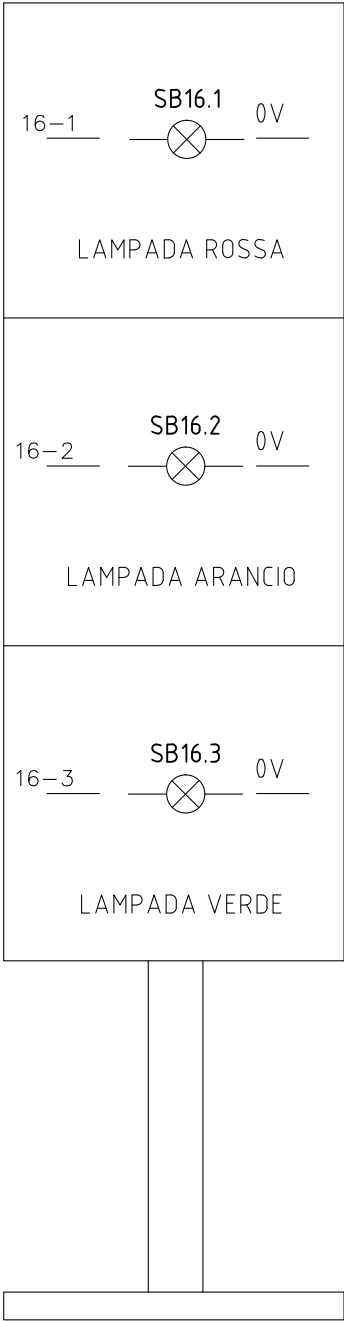


SU QUADRETTO
LATO MACCHINA

				DATA					MACCHINA				=
				DISEGN.	MARIANI T.				CELLA ROBOTIZZATA AM2736				+
				VISTO					PIASTRA LATO MACCHINA, INTERR. GEN				
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2551_LAYOUT			AM2551	FG. 101	
												F.S. 102	



FRONTE PULSANTIERA 1



				DATA					MACCHINA				=
				DISEGN.	MARIANI T.				CELLA ROBOTIZZATA AM2736				+
				VISTO					PULSANTIERA E TORRETTA				FG.107
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2551_LAYOUT			AM2551		F.S.108

PULSANTE START

SB11.3

24V ——— 11-3

HL11

14-3 ——— 0V

PULSANTE STOP

SB11.4

24V ——— 11-4

HL9

14-1 ——— 0V

PULSANTE SVUOTAMENTO

SB11.1

24V ——— 11-1

RIPRISTINO EMERGENZA E RIPARI

SB6.5

6-4 ——— 6-5

HL12

6-17 ——— 0V

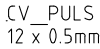
PULSANTE RESET

SB11.2

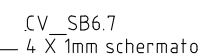
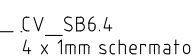
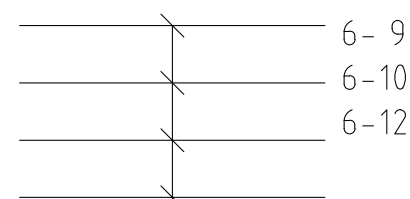
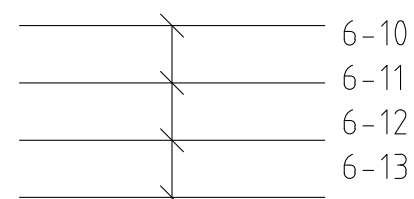
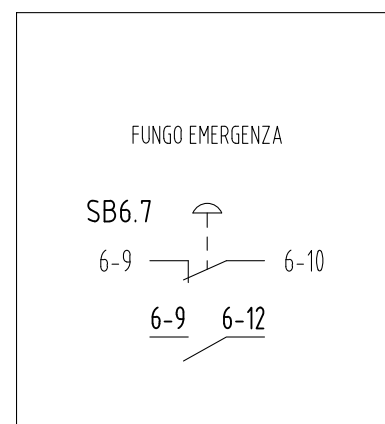
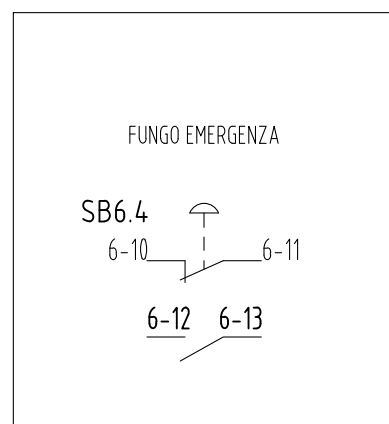
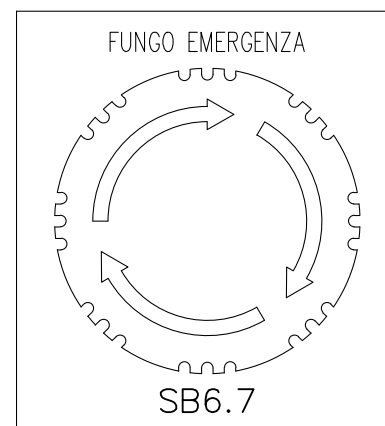
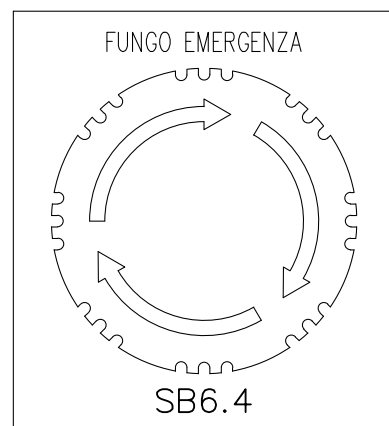
24V ——— 11-2

HL10

14-2 ——— 0V



				DATA					MACCHINA				=	
				DISEGN.	MARIANI T.				CELLA ROBOTIZZATA AM2736				+	
				VISTO					SCHEMA PULSANTIERA					FG.108
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2551_LAYOUT			AM2551			FS.109



				DATA					MACCHINA CELLA ROBOTIZZATA AM2736				=
				DISEGN.	MARIANI T.								+
				VISTO					SCHEMA FUNGHI DI EMERGENZA				FG. 109
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2551_LAYOUT			AM2551		F.S. 110

										A
										B
										C
										D
										E
										F

				DATA					MACCHINA			=
				DISEGN.	MARIANI T.				CELLA ROBOTIZZATA AM2736			+
				VISTO								FG.110
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2551_LAYOUT			AM2551	F.S.111
0	1	2	3	4	5	6	7	8	9			

0	1	2	3	4	5	6	7	8	9	
A										A
B										B
C										C
D										D
E										E
F										F
				DATA					=	
				DISEGN.	MARIANI T.				+	
				VISTO						
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL :	SOST. DA :	FILE : AM2551_LAYOUT		
0	1	2	3	4	5	6	7	8	9	

MACCHINA
CELLA ROBOTIZZATA AM2736

AM2551

FG. 111
F.S. /