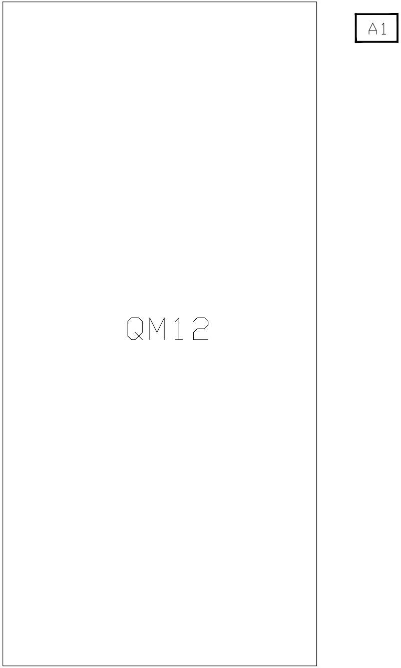
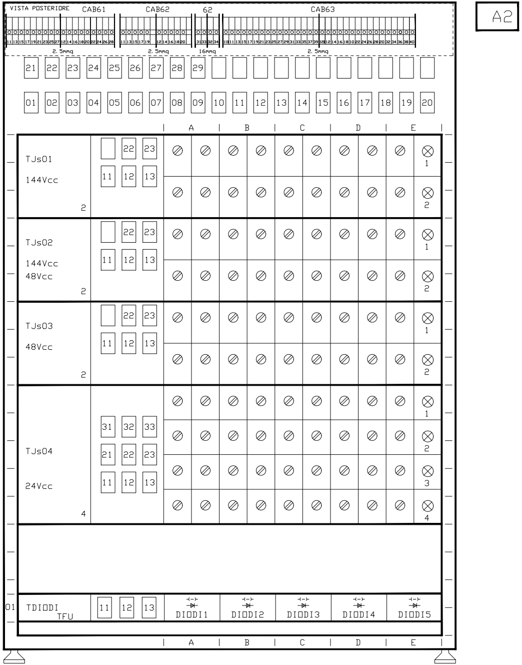
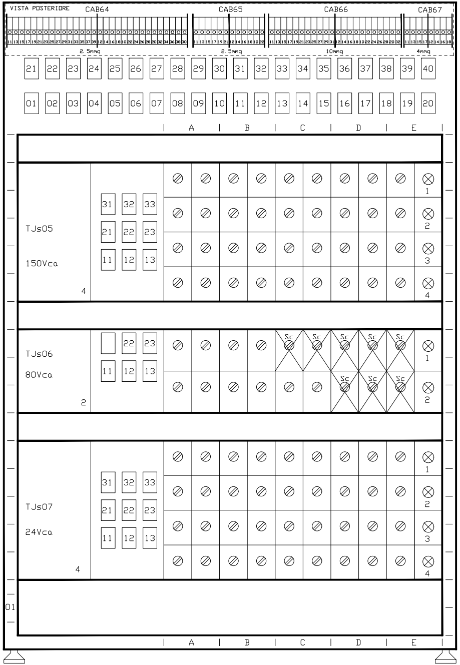
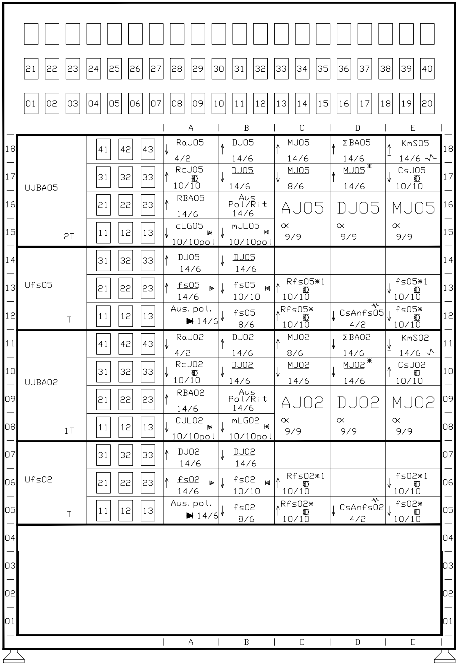


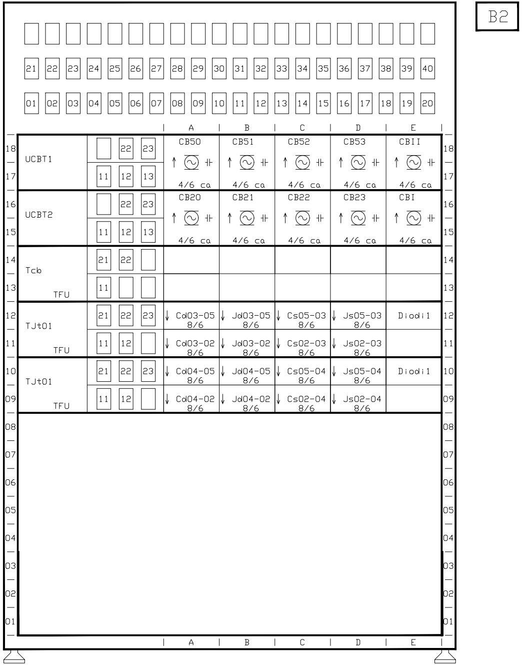

A2
VISTA POSTERIORE
CAB61
CAB62
62
CAB63
11 13 15 17 19 21 23 25 27 12 14 16 18 20 22 24 26 28
11 13 15 17 19 12 14 16 18 20
31 33 32 34
11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 12 14 16 18 10 22 24 26 28 20 32 34 36 38 40
2. 5mmq
2. 5mmq
16mmq
2. 5mmq
21 22 23 24 25 26 27 28 29
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20
A B C D E
TJs01
144Vcc
2
22 23
11 12 13
1
2
TJs02
144Vcc
48Vcc
2
22 23
11 12 13
1
2
TJs03
48Vcc
2
22 23
11 12 13
1
2
TJs04
24Vcc
4
31 32 33
21 22 23
11 12 13
1
2
3
4
01
TDIODI
TFU
11 12 13
DIODI1
DIODI2
DIODI3
DIODI4
DIODI5
A B C D E

A3


VISTA POSTERIORE
CAB64
CAB65
CAB66
CAB67
2.5mmq
2.5mmq
10mmq
4mmq
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20
A B C D E
TJs05
150Vca
4
31 32 33
21 22 23
11 12 13
1 2 3 4
TJs06
80Vca
2
22 23
11 12 13
Sc
1 2
TJs07
24Vca
4
31 32 33
21 22 23
11 12 13
1 2 3 4
01

B1


21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20
A B C D E
18 17 16 15 14 13 12 11 10 09 08 07 06 05 04 03 02 01
UJBA05
2T
41 42 43
31 32 33
21 22 23
11 12 13
RaJ05 4/2
DJ05 14/6
MJ05 14/6
ΣBA05 14/6
KmS05 14/6
RcJ05 10/10
DJ05 14/6
MJ05 8/6
MJ05* 14/6
CsJ05 10/10
RBA05 14/6
Aus Pol/Rit 14/6
AJ05
DJ05
MJ05
∝ 9/9
cLG05 10/10pol
mJL05 10/10pol
Ufs05
T
DJ05 14/6
DJ05 14/6
fs05 14/6
fs05 10/10
Rfs05*1 10/10
fs05*1 10/10
Aus. pol. 14/6
fs05 8/6
Rfs05* 10/10
CsAnfs05 4/2
fs05* 10/10
UJBA02
1T
RaJ02 4/2
DJ02 14/6
MJ02 8/6
ΣBA02 14/6
KmS02 14/6
RcJ02 10/10
DJ02 14/6
MJ02 14/6
MJ02* 14/6
CsJ02 10/10
RBA02 14/6
Aus Pol/Rit 14/6
AJ02
DJ02
MJ02
∝ 9/9
CJL02 10/10pol
mLG02 10/10pol
Ufs02
T
DJ02 14/6
DJ02 14/6
fs02 14/6
fs02 10/10
Rfs02*1 10/10
fs02*1 10/10
Aus. pol. 14/6
fs02 8/6
Rfs02* 10/10
CsAnfs02 4/2
fs02* 10/10

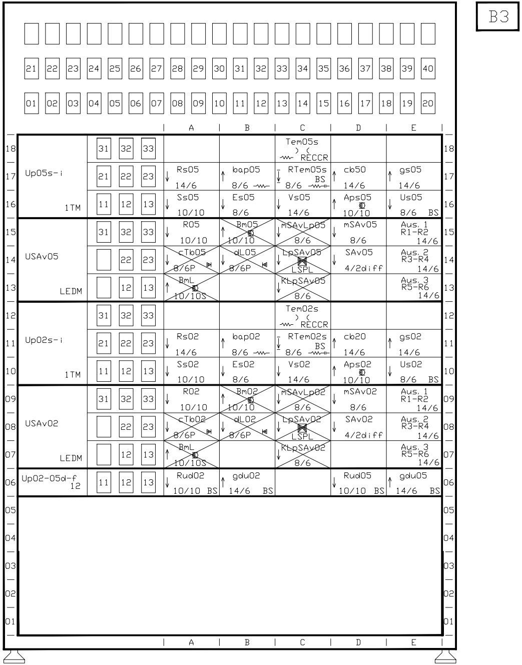


B2

21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20

			A	B	C	D	E	
18	UCBT1	22 23	CB50 ↑ 4/6 ca	CB51 ↑ 4/6 ca	CB52 ↑ 4/6 ca	CB53 ↑ 4/6 ca	CBII ↑ 4/6 ca	18
17		11 12 13						17
16	UCBT2	22 23	CB20 ↑ 4/6 ca	CB21 ↑ 4/6 ca	CB22 ↑ 4/6 ca	CB23 ↑ 4/6 ca	CBI ↑ 4/6 ca	16
15		11 12 13						15
14	Tcb	21 22						14
13	TFU	11						13
12	TJt01	21 22 23	↓ Cd03-05 8/6	↓ Jd03-05 8/6	↓ Cs05-03 8/6	↓ Js05-03 8/6	Diodi1	12
11	TFU	11 12	↓ Cd03-02 8/6	↓ Jd03-02 8/6	↓ Cs02-03 8/6	↓ Js02-03 8/6		11
10	TJt01	21 22 23	↓ Cd04-05 8/6	↓ Jd04-05 8/6	↓ Cs05-04 8/6	↓ Js05-04 8/6	Diodi1	10
09	TFU	11 12	↓ Cd04-02 8/6	↓ Jd04-02 8/6	↓ Cs02-04 8/6	↓ Js02-04 8/6		09
08								08
07								07
06								06
05								05
04								04
03								03
02								02
01								01
			A	B	C	D	E	



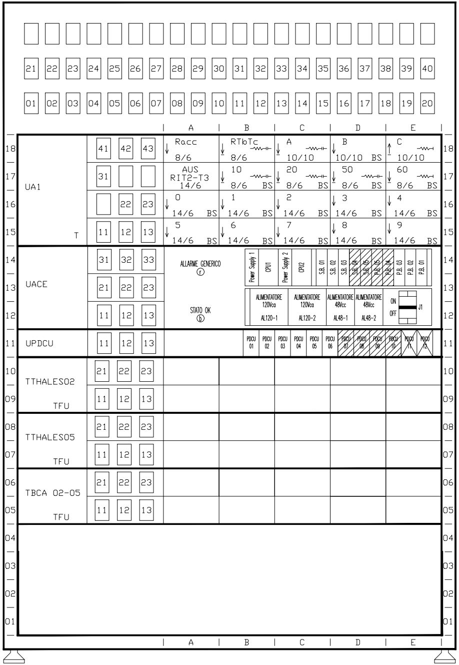
B3

21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

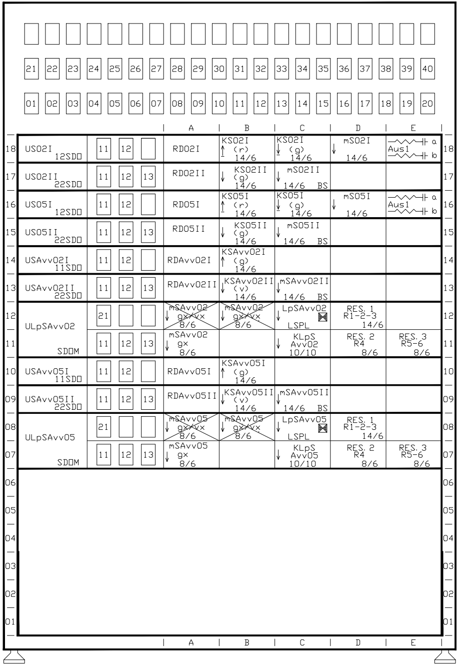
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20

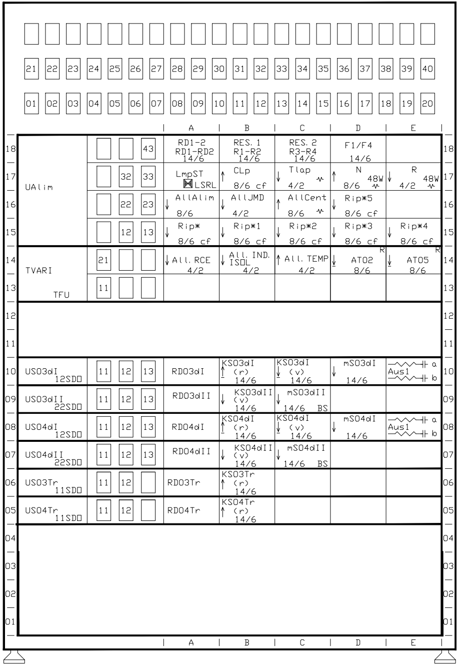
			A	B	C	D	E	
18	Up05s-i	31 32 33			Tem05s) (RECCR			18
17		21 22 23	↓ Rs05 14/6	↑ bap05 8/6	↓ RTem05s BS 8/6	↑ cb50 14/6	↑ gs05 14/6	17
16	1TM	11 12 13	↓ Ss05 10/10	↓ Es05 8/6	↓ Vs05 14/6	↑ Aps05 10/10	↓ Us05 8/6 BS	16
15	USAv05	31 32 33	↓ R05 10/10	↑ Bm05 10/10	↓ mSAvLp05 8/6	↓ mSAv05 8/6	Aus. 1 R1-R2 14/6	15
14		22 23	↓ cTb05 8/6P	↓ dL05 8/6P	↓ LpSAv05 LSPL	↓ SAv05 4/2diff	Aus. 2 R3-R4 14/6	14
13	LEDM	12 13	↑ BmL 10/10S		↓ KLpSAv05 8/6		Aus. 3 R5-R6 14/6	13
12	Up02s-i	31 32 33			Tem02s) (RECCR			12
11		21 22 23	↓ Rs02 14/6	↑ bap02 8/6	↓ RTem02s BS 8/6	↑ cb20 14/6	↑ gs02 14/6	11
10	1TM	11 12 13	↓ Ss02 10/10	↓ Es02 8/6	↓ Vs02 14/6	↑ Aps02 10/10	↓ Us02 8/6 BS	10
09	USAv02	31 32 33	↓ R02 10/10	↑ Bm02 10/10	↓ mSAvLp02 8/6	↓ mSAv02 8/6	Aus. 1 R1-R2 14/6	09
08		22 23	↓ cTb02 8/6P	↓ dL02 8/6P	↓ LpSAv02 LSPL	↓ SAv02 4/2diff	Aus. 2 R3-R4 14/6	08
07	LEDM	12 13	↑ BmL 10/10S		↓ KLpSAv02 8/6		Aus. 3 R5-R6 14/6	07
06	Up02-05d-f 12	11 12 13	↓ Rud02 10/10 BS	↑ gdu02 14/6 BS		↓ Rud05 10/10 BS	↑ gdu05 14/6 BS	06
05								05
04								04
03								03
02								02
01								01
			A	B	C	D	E	

C1


21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20
A B C D E
UA1
T
41 42 43
31
22 23
11 12 13
Racc 8/6
RTbTc 8/6
A 10/10
B 10/10 BS
C 10/10
AUS RIT2-T3 14/6
10 8/6 BS
20 8/6 BS
50 8/6 BS
60 8/6 BS
0 14/6 BS
1 14/6 BS
2 14/6 BS
3 14/6 BS
4 14/6 BS
5 14/6 BS
6 14/6 BS
7 14/6 BS
8 14/6 BS
9 14/6 BS
UACE
31 32 33
21 22 23
11 12 13
ALLARME GENERICO
ⓡ
STATO OK
ⓑ
Power Supply 1
CPU1
Power Supply 2
CPU2
S.B. 01
S.B. 02
S.B. 03
S.B. 04
S.B. 05
P.B. 05
P.B. 04
P.B. 03
P.B. 02
P.B. 01
ALIMENTATORE 120Vca AL120-1
ALIMENTATORE 120Vca AL120-2
ALIMENTATORE 48Vcc AL48-1
ALIMENTATORE 48Vcc AL48-2
ON
OFF
J1
UPDCU
11 12 13
PDCU 01
PDCU 02
PDCU 03
PDCU 04
PDCU 05
PDCU 06
PDCU 07
PDCU 08
PDCU 09
PDCU 10
PDCU 11
PDCU 12
TTHALES02
TFU
21 22 23
11 12 13
TTHALES05
TFU
21 22 23
11 12 13
TBCA 02-05
TFU
21 22 23
11 12 13
18 17 16 15 14 13 12 11 10 09 08 07 06 05 04 03 02 01
A B C D E

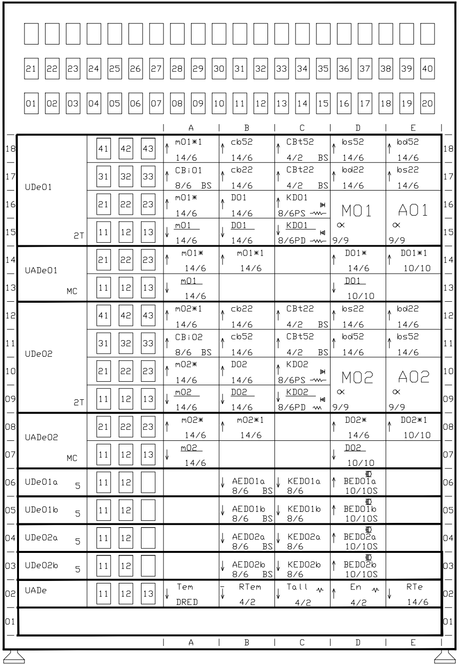
C2


21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20
A B C D E
US02I 12SD☐
11 12
RD02I
KS02I (r) 14/6
KS02I (g) 14/6
mS02I 14/6
Aus1 a b
US02II 22SD☐
11 12 13
RD02II
KS02II (g) 14/6
mS02II 14/6 BS
US05I 12SD☐
11 12
RD05I
KS05I (r) 14/6
KS05I (g) 14/6
mS05I 14/6
Aus1 a b
US05II 22SD☐
11 12 13
RD05II
KS05II (g) 14/6
mS05II 14/6 BS
USAvv02I 11SD☐
11 12
RDAvv02I
KSAvv02I (g) 14/6
USAvv02II 22SD☐
11 12 13
RDAvv02II
KSAvv02II (v) 14/6
mSAvv02II 14/6 BS
ULpSAvv02
SD☐M
21
mSAvv02 gx/vx 8/6
mSAvv02 gx/vx 8/6
LpSAvv02 LSPL
RES. 1 R1-2-3 14/6
11 12 13
mSAvv02 gx 8/6
KLpS Avv02 10/10
RES. 2 R4 8/6
RES. 3 R5-6 8/6
USAvv05I 11SD☐
11 12
RDAvv05I
KSAvv05I (g) 14/6
USAvv05II 22SD☐
11 12 13
RDAvv05II
KSAvv05II (v) 14/6
mSAvv05II 14/6 BS
ULpSAvv05
SD☐M
21
mSAvv05 gx/vx 8/6
mSAvv05 gx/vx 8/6
LpSAvv05 LSPL
RES. 1 R1-2-3 14/6
11 12 13
mSAvv05 gx 8/6
KLpS Avv05 10/10
RES. 2 R4 8/6
RES. 3 R5-6 8/6
18 17 16 15 14 13 12 11 10 09 08 07 06 05 04 03 02 01
A B C D E



C3

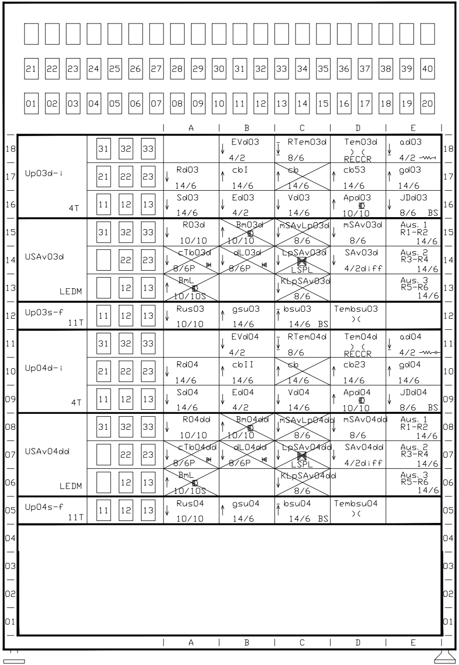
			A	B	C	D	E
18	UAlim	☐ ☐ 43	RD1-2 RD1-RD2 14/6	RES. 1 R1-R2 14/6	RES. 2 R3-R4 14/6	F1/F4 14/6	
17		☐ 32 33	LmpST ☒LSRL	↑ CLp 8/6 cf	↓ Tlap 4/2	↑ N 8/6 48W	↓ R 4/2 48W
16		☐ 22 23	↓ AllAlim 8/6	↓ AllJMD 4/2	↑ AllCent 8/6	↓ Rip*5 8/6 cf	
15		☐ 12 13	↓ Rip* 8/6 cf	↓ Rip*1 8/6 cf	↓ Rip*2 8/6 cf	↓ Rip*3 8/6 cf	↓ Rip*4 8/6 cf
14	TVARI	21 ☐ ☐	↓ All. RCE 4/2	↓ All. IND. ISOL 4/2	↑ All. TEMP 4/2	R ↓ AT02 8/6	R ↓ AT05 8/6
13	TFU	11 ☐ ☐					
12							
11							
10	US03dI 12SD☐	11 12 13	RD03dI	KS03dI ↑ (r) 14/6	KS03dI ↓ (v) 14/6	↓ mS03dI 14/6	a Aus1 b
09	US03dII 22SD☐	11 12 13	RD03dII	↓ KS03dII (v) 14/6	↓ mS03dII 14/6 BS		
08	US04dI 12SD☐	11 12 13	RD04dI	KS04dI ↑ (r) 14/6	KS04dI ↓ (v) 14/6	↓ mS04dI 14/6	a Aus1 b
07	US04dII 22SD☐	11 12 13	RD04dII	↓ KS04dII (v) 14/6	↓ mS04dII 14/6 BS		
06	US03Tr 11SD☐	11 12 ☐	RD03Tr	KS03Tr ↑ (r) 14/6			
05	US04Tr 11SD☐	11 12 ☐	RD04Tr	KS04Tr ↑ (r) 14/6			
04							
03							
02							
01							



D1

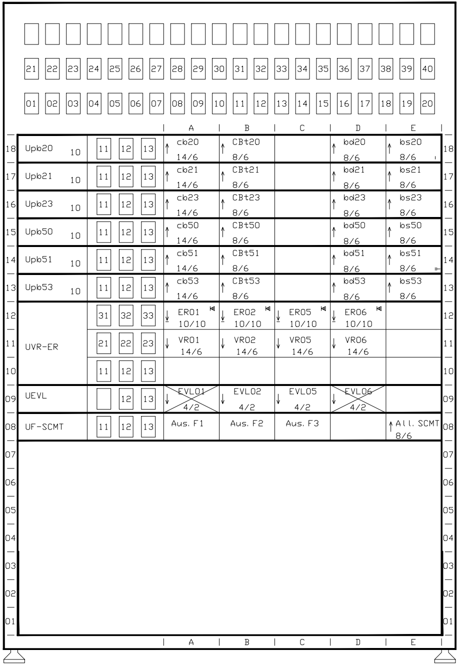
			A	B	C	D	E
18	UDe01	41 42 43	↑ m01*1 14/6	↑ cb52 14/6	↑ CBt52 4/2 BS	↑ bs52 14/6	↑ bd52 14/6
17		31 32 33	↑ CBi01 8/6 BS	↑ cb22 14/6	↑ CBt22 4/2 BS	↑ bd22 14/6	↑ bs22 14/6
16		21 22 23	↑ m01* 14/6	↑ D01 14/6	↑ KD01 8/6PS	M01 ∝ 9/9	A01 ∝ 9/9
15	2T	11 12 13	↓ m01 14/6	↓ D01 14/6	↓ KD01 8/6PD		
14	UADe01	21 22 23	↑ m01* 14/6	↑ m01*1 14/6		↑ D01* 14/6	↑ D01*1 10/10
13	MC	11 12 13	↓ m01 14/6			↓ D01 10/10	
12	UDe02	41 42 43	↑ m02*1 14/6	↑ cb22 14/6	↑ CBt22 4/2 BS	↑ bs22 14/6	↑ bd22 14/6
11		31 32 33	↑ CBi02 8/6 BS	↑ cb52 14/6	↑ CBt52 4/2 BS	↑ bd52 14/6	↑ bs52 14/6
10		21 22 23	↑ m02* 14/6	↑ D02 14/6	↑ KD02 8/6PS	M02 ∝ 9/9	A02 ∝ 9/9
09	2T	11 12 13	↓ m02 14/6	↓ D02 14/6	↓ KD02 8/6PD		
08	UADe02	21 22 23	↑ m02* 14/6	↑ m02*1 14/6		↑ D02* 14/6	↑ D02*1 10/10
07	MC	11 12 13	↓ m02 14/6			↓ D02 10/10	
06	UDe01a 5	11 12 ☐		↓ AED01a 8/6 BS	↓ KED01a 8/6	↑ BED01a 10/10S	
05	UDe01b 5	11 12 ☐		↓ AED01b 8/6 BS	↓ KED01b 8/6	↑ BED01b 10/10S	
04	UDe02a 5	11 12 ☐		↓ AED02a 8/6 BS	↓ KED02a 8/6	↑ BED02a 10/10S	
03	UDe02b 5	11 12 ☐		↓ AED02b 8/6 BS	↓ KED02b 8/6	↑ BED02b 10/10S	
02	UADe	11 12 13	↓ Tem DRED	↓ RTem 4/2	↓ Tall 4/2	↑ En 4/2	↓ RTe 14/6
01							

D2

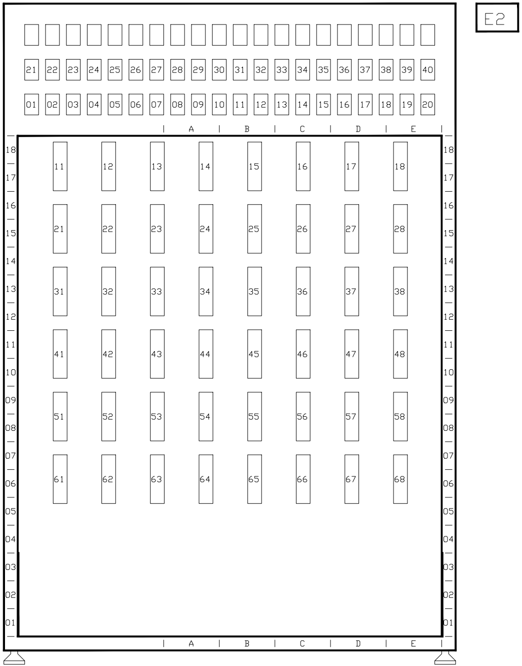


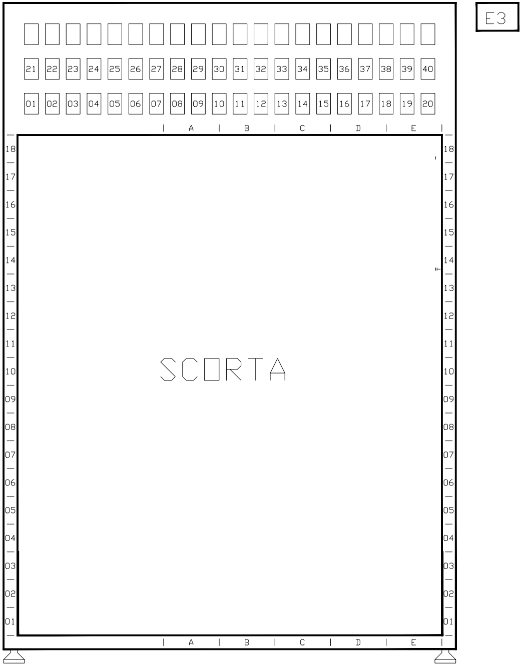
			A	B	C	D	E	
18	Up03d-i 4T	31 32 33		↓ EVd03 4/2	↓ RTem03d 8/6	Tem03d)(RECCR	↓ ad03 4/2	18
17		21 22 23	↓ Rd03 14/6	↑ cbI 14/6	↑ cb 14/6	↑ cb53 14/6	↑ gd03 14/6	17
16		11 12 13	↓ Sd03 14/6	↓ Ed03 4/2	↓ Vd03 14/6	↑ Apd03 10/10	↓ JDd03 8/6 BS	16
15	USAv03d LEDM	31 32 33	↓ R03d 10/10	↑ Bm03d 10/10	↓ mSAvLp03d 8/6	↓ mSAv03d 8/6	Aus. 1 R1-R2 14/6	15
14		22 23	↓ cTb03d 8/6P	↓ dL03d 8/6P	↓ LpSAv03d LSPL	↓ SAv03d 4/2diff	Aus. 2 R3-R4 14/6	14
13		12 13	↑ BmL 10/10S		↓ KLpSAv03d 8/6		Aus. 3 R5-R6 14/6	13
12	Up03s-f 11T	11 12 13	↓ Rus03 10/10	↑ gsu03 14/6	↑ bsu03 14/6 BS	Tembsu03)(		12
11	Up04d-i 4T	31 32 33		↓ EVd04 4/2	↓ RTem04d 8/6	Tem04d)(RECCR	↓ ad04 4/2	11
10		21 22 23	↓ Rd04 14/6	↑ cbII 14/6	↑ cb 14/6	↑ cb23 14/6	↑ gd04 14/6	10
09		11 12 13	↓ Sd04 14/6	↓ Ed04 4/2	↓ Vd04 14/6	↑ Apd04 10/10	↓ JDd04 8/6 BS	09
08	USAv04dd LEDM	31 32 33	↓ R04dd 10/10	↑ Bm04dd 10/10	↓ mSAvLp04dd 8/6	↓ mSAv04dd 8/6	Aus. 1 R1-R2 14/6	08
07		22 23	↓ cTb04dd 8/6P	↓ dL04dd 8/6P	↓ LpSAv04dd LSPL	↓ SAv04dd 4/2diff	Aus. 2 R3-R4 14/6	07
06		12 13	↑ BmL 10/10S		↓ KLpSAv04dd 8/6		Aus. 3 R5-R6 14/6	06
05	Up04s-f 11T	11 12 13	↓ Rus04 10/10	↑ gsu04 14/6	↑ bsu04 14/6 BS	Tembsu04)(		05
04								04
03								03
02								02
01								01
			A	B	C	D	E	

D3



			A	B	C	D	E	
18	Upb20 10	11 12 13	↑ cb20 14/6	↑ CBt20 8/6		↑ bd20 8/6	↑ bs20 8/6	18
17	Upb21 10	11 12 13	↑ cb21 14/6	↑ CBt21 8/6		↑ bd21 8/6	↑ bs21 8/6	17
16	Upb23 10	11 12 13	↑ cb23 14/6	↑ CBt23 8/6		↑ bd23 8/6	↑ bs23 8/6	16
15	Upb50 10	11 12 13	↑ cb50 14/6	↑ CBt50 8/6		↑ bd50 8/6	↑ bs50 8/6	15
14	Upb51 10	11 12 13	↑ cb51 14/6	↑ CBt51 8/6		↑ bd51 8/6	↑ bs51 8/6	14
13	Upb53 10	11 12 13	↑ cb53 14/6	↑ CBt53 8/6		↑ bd53 8/6	↑ bs53 8/6	13
12	UVR-ER	31 32 33	↓ ER01 10/10	↓ ER02 10/10	↓ ER05 10/10	↓ ER06 10/10		12
11		21 22 23	↓ VR01 14/6	↓ VR02 14/6	↓ VR05 14/6	↓ VR06 14/6		11
10		11 12 13						10
09	UEVL	12 13	↓ EVL01 4/2	↓ EVL02 4/2	↓ EVL05 4/2	↓ EVL06 4/2		09
08	UF-SCMT	11 12 13	Aus. F1	Aus. F2	Aus. F3		↑ All. SCMT 8/6	08
07								07
06								06
05								05
04								04
03								03
02								02
01								01
			A	B	C	D	E	




E3
SCORTA
A
B
C
D
E

Firmato digita
Marco Rasim
O = Ordine deg
C = IT

COMMITTENTE:

RFI
RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

DIREZIONE INVESTIMENTI
DIREZIONE PROGRAMMI INVESTIMENTI
DIRETTRICE SUD - PROGETTO ADRIATICA

DIREZIONE LAVORI:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

APPALTATORE:

AD AGOSTINO
COSTRUZIONI GENERALI

PROGETTAZIONE: MANDATARIA rpa MANDANTE TECHNITAL HUB

PROGETTO ESECUTIVO

LINEA BARI-LECCE - RIASSETTO NODO DI BARI

TRATTA A SUD DI BARI

VARIANTE DI TRACCIATO TRA BARI C.LE E BARI TORRE A MARE

PROGETTO IS
ACEI DI CAMPUS
Disposizione relè negli armadi macrofase B4-B5

APPALTATORE	PROGETTAZIONE		SCALA:
D'Agostino Angelo Antonio Costruzioni Generali s.r.l. DIRETTORE TECNICO Ing. A. DI PALMA	DIRETTORE DELLA PROGETTAZIONE Ing. MARCO RASIMELLI		----

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
IA3S	01	V	ZZ	DX	IS0502	002	A

Revis.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato Data
A	Prima Emissione	M. Tittarelli	04/05/2021	L. Spinozzi	04/05/2021	M. Rasimelli	06/05/2021	L. Spinozzi 13/05/2021

ORDINE DEGLI INGEGNERI - TERAMO
436 SPINOZZI dott. LUIGI
INGEGNERE

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gegneri della Provincia di Perugia