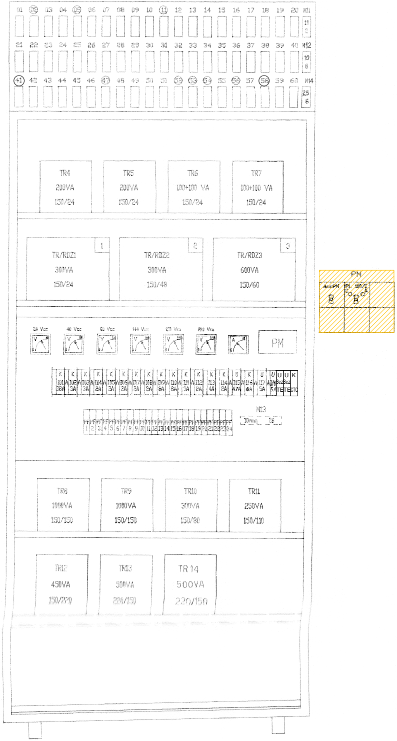
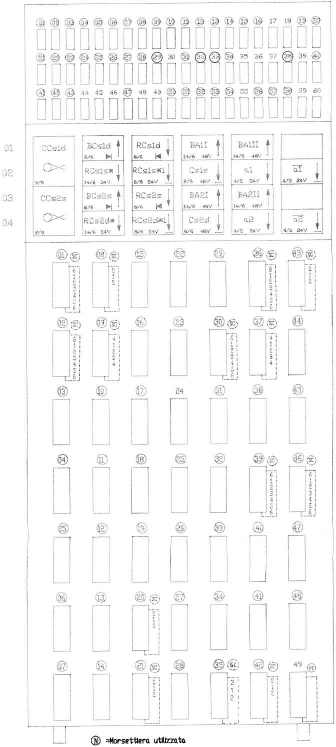
ARMADIO "1"


01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 M11
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 M12
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 M14
TR4 200VA 150/24
TR5 200VA 150/24
TR6 100+100 VA 150/24
TR7 100+100 VA 150/24
TR/RDZ1 300VA 150/24
TR/RDZ2 300VA 150/48
TR/RDZ3 600VA 150/60
1
2
3
24 Vcc
48 Vcc
60 Vcc
144 Vcc
120 Vca
220 Vca
V
A
PM
M13
TR8 1000VA 150/150
TR9 1000VA 150/150
TR10 300VA 150/80
TR11 250VA 150/110
TR12 450VA 150/220
TR13 500VA 220/150
TR 14 500VA 220/150
PM
AccPM

ARMADIO "2"

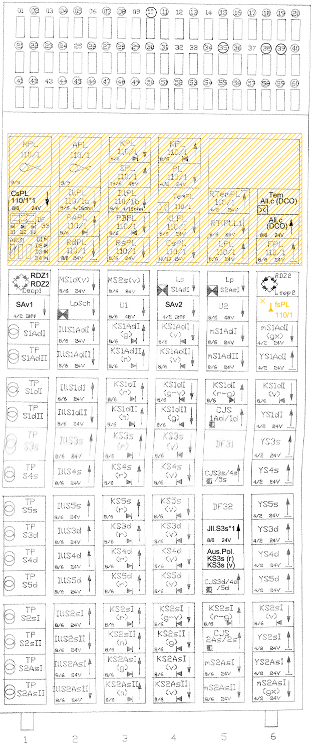

01
02
03
04
CCs1d 9/9
CCs2s 9/9
BCs1d 8/6
RCs1s* 14/6 24V
BCs2s 8/6
RCs2d* 14/6 24V
RCs1d 8/6
RCs1s*1 8/6 24V
RCs2s 8/6
RCs2d*1 8/6 24V
BA1I 14/6 48V
Cs1s 8/6 48V
BA2I 14/6 48V
Cs2d 8/6 48V
BA1II 14/6 48V
a1 4/2 24V
BA2II 14/6 48V
a2 4/2 24V
ā1 4/2 24V
ā2 4/2 24V
SC
PT
49
24

Ⓝ =Morsettiera utilizzata

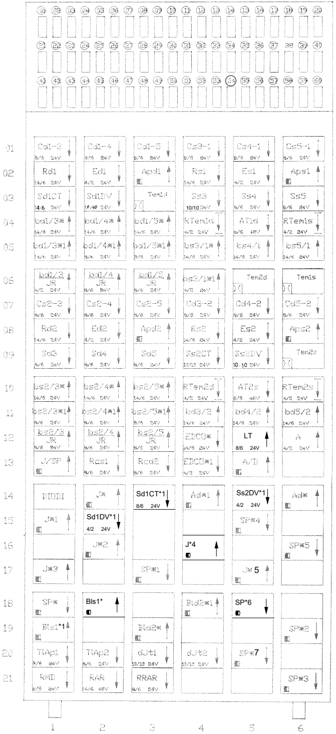
N =Morsettiera non montata

01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21

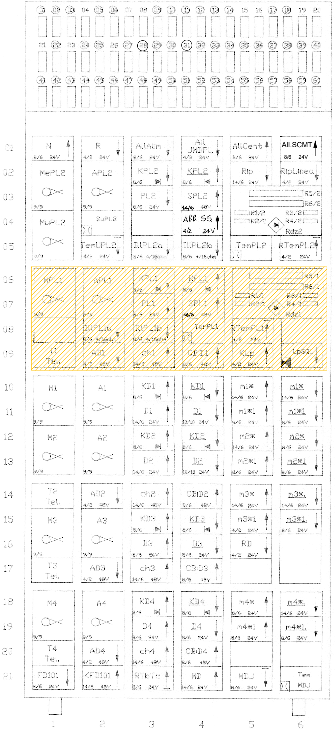
ARMADIO "3"


MPL 110/1
APL 110/1
KPL 110/1
SPL 110/1
KPL 110/1
PL 110/1
CsPL 110/1*1
DF 33
D1 D2 D3
AR31
D1 D2 D3 D4
IllPL 110/1a
PAPL 110/1
RdPL 110/1
IllPL 110/1b
PBPL 110/1
RsPL 110/1
TemPL 110/1
KLPL 110/1
CsPL 110/1
RTemPL 110/1
RTIPLL1
LPL 110/1
Tem All.c (DCO)
All.c (DCO)
FPL 110/1
RDZ1
RDZ2
Leop1
SAv1
TP S1AdI
TP S1AdII
TP S1dI
TP S1dII
TP S3s
TP S4s
TP S5s
TP S3d
TP S4d
TP S5d
TP S2sI
TP S2sII
TP S2AsI
TP S2AsII
MS1d(v)
LpSch
IllS1AdI
IllS1AdII
IllS1dI
IllS1dII
IllS3s
IllS4s
IllS5s
IllS3d
IllS4d
IllS5d
IllS2sI
IllS2sII
IllS2AsI
IllS2AsII
MS2s(v)
U1
KS1AdI (g)
KS1AdII (n)
KS1dI (r)
KS1dII (n)
KS3s (r)
KS4s (r)
KS5s (r)
KS3d (r)
KS4d (r)
KS5d (r)
KS2sI (r)
KS2sII (n)
KS2AsI (g)
KS2AsII (n)
Lp S1AdI
SAv2
KS1AdI (v)
KS1AdII (v)
KS1dI (g-v)
KS1dII (g)
KS3s (v)
KS4s (v)
KS5s (v)
KS3d (v)
KS4d (v)
KS5d (v)
KS2sI (g-v)
KS2sII (g)
KS2AsI (v)
KS2AsII (v)
Lp S2AsI
U2
mS1AdI
mS1AdII
KS1dI (r-g)
CJS 1Ad/1d
DF31
CJS3s/4s/5s
DF32
JII.S3s*1
Aus.Pol. KS3s (r) KS3s (v)
CJS3d/4d/5d
KS2sI (r-g)
CJS 2As/2s
mS2AsI
mS2AsII
RDZ2
Leop2
fsPL 110/1
mS1AdI (gx)
YS1AdI
KS1dI (v)
YS1dI
YS3s
YS4s
YS5s
YS3d
YS4d
YS5d
KS2sI (v)
YS2sI
YS2AsI
mS2AsI (gx)
1
2
3
4
5
6

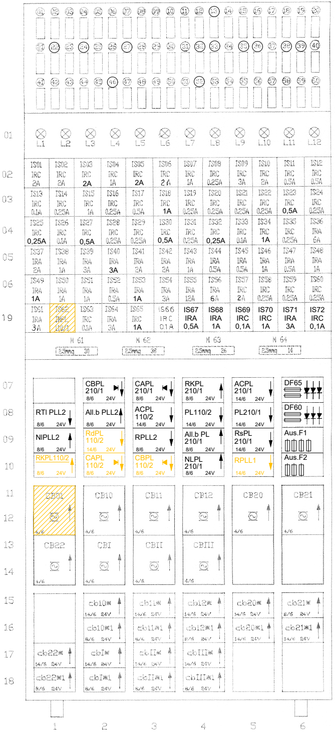
ARMADIO "4"


01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
Cd1-3
Rd1
Sd1CT
bd1/3*
bd1/3*1
bd1/3 JR
Cs2-3
Rd2
Sd3
bs2/3*
bs2/3*1
bs2/3 JR
J/SP
DIODI
J*1
J*3
SP*
Bls1*1
TlAp1
RMD
Cd1-4
Ed1
Sd1DV
bd1/4*
bd1/4*1
bd1/4 JR
Cs2-4
Ed2
Sd4
bs2/4*
bs2/4*1
bs2/4 JR
Rcs1
J*
Sd1DV*1
J*2
Bls1*
TlAp2
RAR
Cd1-5
Apd1
Tem1d
bd1/5*
bd1/5*1
bd1/5 JR
Cs2-5
Apd2
Sd5
bs2/5*
bs2/5*1
bs2/5 JR
Rcd2
Sd1CT*1
SP*1
Bld2*
dJt1
RRAR
Cs3-1
Rs1
Ss3
RTem1d
bs3/1*
bs3/1*1
Cd3-2
Rs2
Ss2CT
RTem2d
bd3/2
EDCO*
EDCO*1
Ad*1
J*4
Bld2*1
dJt2
Cs4-1
Es1
Ss4
AT1d
bs4/1
Tem2d
Cd4-2
Es2
Ss2DV
AT2s
bd4/2
LT
A/D
Ss2DV*1
SP*4
J* 5
SP*6
SP*7
Cs5-1
Aps1
Ss5
RTem1s
bs5/1
Tem1s
Cd5-2
Aps2
Tem2s
RTem2s
bd5/2
A
Ad*
SP*5
SP*2
SP*3
1
2
3
4
5
6

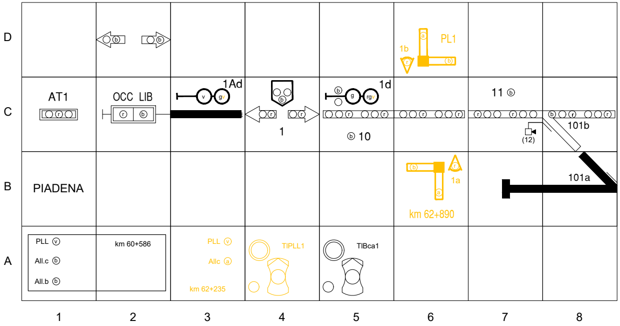
ARMADIO "5"


01
02
03
04
05
06
07
08
09
10
11
12
13
14
15
16
17
18
19
20
21
N
MePL2
MuPL2
MPL1
T1 Tel.
M1
M2
T2 Tel.
M3
T3 Tel.
M4
T4 Tel.
FD101
R
APL2
SuPL2
TemUPL2
APL1
IllPL1a
AD1
A1
A2
AD2
A3
AD3
A4
AD4
KFD101
AllAlim
KPL2
PL2
IllPL2a
KPL1
PL1
IllPL1b
ch1
KD1
D1
KD2
D2
ch2
KD3
D3
ch3
KD4
D4
ch4
RTbTc
All JMDPL
KPL2
SPL2
All. S.S
IllPL2b
KPL1
SPL1
TemPL1
CBID1
KD1
D1
KD2
D2
CBID2
KD3
D3
CBID3
KD4
D4
CBID4
MD
AllCent
Rlp
R5/2
R6/2
R1/2
R2/2
R3/2
R4/2
Rdz2
TemPL2
R5/1
R6/1
R1/1
R2/1
R3/1
R4/1
Rdz1
RTemPL1
KLp
m1*
m1*1
m2*
m2*1
m3*
m3*1
RD
m4*
m4*1
MDJ
All.SCMT
RlpLinea
RTemPL2
LpSGL
m1*
m1*1
m2*
m2*1
m3*.
m3*1.
m4*.
m4*1.
Tem MDJ
1
2
3
4
5
6

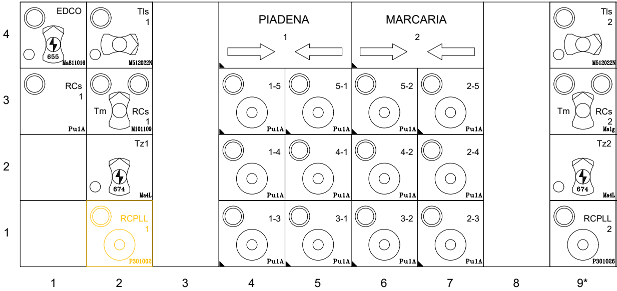
ARMADIO "6"

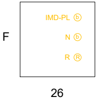

01
L1
L2
L3
L4
L5
L6
L7
L8
L9
L10
L11
L12
02
IS01 IRC 2A
IS02 IRC 2A
IS03 IRC 2A
IS04 IRC 1A
IS05 IRC 2A
IS06 IRC 2A
IS07 IRC 1A
IS08 IRC 0.25A
IS09 IRC 3A
IS10 IRC 2A
IS11 IRC 0.5A
IS12 IRC 0.5A
03
IS13 IRC 0.1A
IS14 IRC 0.25A
IS15 IRC 1A
IS16 IRC 0.25A
IS17 IRC 0.5A
IS18 IRC 1A
IS19 IRC 0.25A
IS20 IRC 0.25A
IS21 IRC 0.25A
IS22 IRC 0.25A
IS23 IRC 0,5A
IS24 IRC 0.25A
04
IS25 IRC 0,25A
IS26 IRC 0.1A
IS27 IRC 0,5A
IS28 IRC 0.25A
IS29 IRC 0.25A
IS30 IRC 0,5A
IS31 IRC 0.25A
IS32 IRC 0,25A
IS33 IRC 0.1A
IS34 IRC 1A
IS35 IRC 0.25A
IS36 IRA 6A
05
IS37 IRA 2A
IS38 IRA 1A
IS39 IRA 3A
IS40 IRA 3A
IS41 IRA 2A
IS42 IRA 2A
IS43 IRA 1A
IS44 IRA 0.5A
IS45 IRA 0.5A
IS46 IRA 1A
IS47 IRA 0.5A
IS48 IRA 1A
06
IS49 IRA 1A
IS50 IRA 1A
IS51 IRA 1A
IS52 IRA 0.5A
IS53 IRA 1A
IS54 IRA 3A
IS55 IRA 12A
IS56 IRA 6A
IS57 IRC 2A
IS58 IRC 0.25A
IS59 IRC 0.25A
IS60 IRC 0.25A
19
IS61 IRA 3A
IS62 IMPL 110/1
IS63 IRC 0.1A
IS64 IRA 3A
IS65 IRC 1A
IS66 IRC 0.1A
IS67 IRA 0,5A
IS68 IRA 1A
IS69 IRC 0,1A
IS70 IRC 1A
IS71 IRA 3A
IS72 IRC 0,1A
M 61
2.5mmq 30
M 62
2.5mmq 38
M 63
2.5mmq 26
M 64
2.5mmq 14
07
08
09
10
CBPL 210/1 8/6 24V
CAPL 210/1 8/6 24V
RKPL 210/1 8/6 24V
ACPL 210/1 14/6 24V
DF65
RTI PLL2 8/6 24V
All.b PLL2 8/6 24V
ACPL 110/2 14/6 24V
PL110/2 14/6 24V
PL210/1 14/6 24V
DF60
NIPLL2 8/6 24V
RdPL 110/2 14/6 24V
RPLL2 8/6 24V
All.b PL 210/1 8/6 24V
RsPL 210/1 14/6 24V
Aus.F1
RKPL110/2 8/6 24V
CAPL 110/2 8/6 24V
CBPL 110/2 8/6 24V
NLPL 210/1 8/6 24V
RPLL1 14/6 24V
Aus.F2
11
12
13
14
CB01 4/6
CB10 4/6
CB11 4/6
CB12 4/6
CB20 4/6
CB21 4/6
CB22 4/6
CBI 4/6
CBII 4/6
CBIII 4/6
15
16
17
18
cb10* 14/6 24V
cb11* 14/6 24V
cb12* 14/6 24V
cb20* 14/6 24V
cb21* 8/6 24V
cb10*1 8/6 24V
cb11*1 8/6 24V
cb12*1 8/6 24V
cb20*1 14/6 24V
cb21*1 14/6 24V
cb22* 14/6 24V
cbI* 14/6 24V
cbII* 14/6 24V
cbIII* 14/6 24V
cb22*1 8/6 24V
cbI*1 8/6 24V
cbII*1 8/6 24V
cbIII*1 8/6 24V
1
2
3
4
5
6

STRALCIO MODIFICA QL

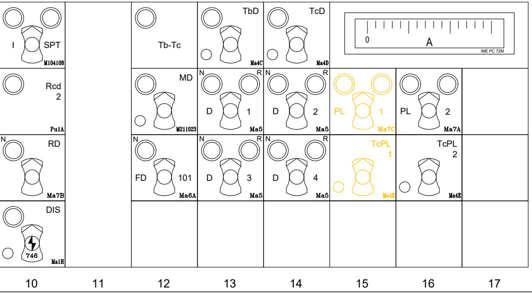

D
C
B
A
PL1
1b
AT1
OCC LIB
1Ad
1d
1
ⓑ 10
11 ⓑ
(12)
101b
101a
PIADENA
1a
km 62+890
PLL Ⓥ
All.c ⓑ
All.b ⓑ
km 60+586
PLL Ⓥ
Allc ⓐ
km 62+235
TIPLL1
TIBca1
1
2
3
4
5
6
7
8

STRALCIO MODIF


4
3
2
1
EDCO
655
Ma811016
TIs 1
M512022N
PIADENA
1
MARCARIA
2
TIs 2
M512022N
RCs 1
Pu1A
Tm
RCs 1
M101109
1-5
5-1
5-2
2-5
Tm
RCs 2
Ma1g
Tz1
674
Ma4L
1-4
4-1
4-2
2-4
Tz2
674
Ma4L
RCPLL 1
P301002
1-3
3-1
3-2
2-3
Pu1A
RCPLL 2
P301026
1
2
3
4
5
6
7
8
9*


F
IMD-PL ⓑ
N ⓑ
R Ⓡ
26

ICA BM


I
SPT
M104108
Rcd
2
Pu1A
RD
Ma7B
DIS
746
Ma1H
Tb-Tc
MD
M211023
N
FD
101
Ma6A
TbD
Ma4C
N
R
D
1
Ma5
N
R
D
3
Ma5
TcD
Ma4D
N
R
D
2
Ma5
N
R
D
4
Ma5
0
A
IME PC 72M
PL
1
Ma7C
TcPL
1
Ma4E
PL
2
Ma7A
TcPL
2
Ma4E
10
11
12
13
14
15
16
17

COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

PROGETTAZIONE:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

CUP: J84H17000930009

U.O. TECNOLOGIE NORD

PROGETTO DEFINITIVO

RADDOPPIO LINEA CODOGNO - CREMONA - MANTOVA
TRATTA PIADENA - MANTOVA

ACEI BOZZOLO

DISPOSIZIONE APPARECCHIATURE NEGLI ARMADI – QL/BM

SCALA: —

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
NM25	03	D	58	DX	AC1210	001	A

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato Data
A	Emissione per commenti	S.Artioli Artioli S.	04/2020	A.Borzillo	04/2020	M. Berlingieri	04/2020	M.Gambaro 04/2020 GAMBARO MARCO n. 9052A

File: NM2503D58DXAC1210001A.dwg

n. Elab.: