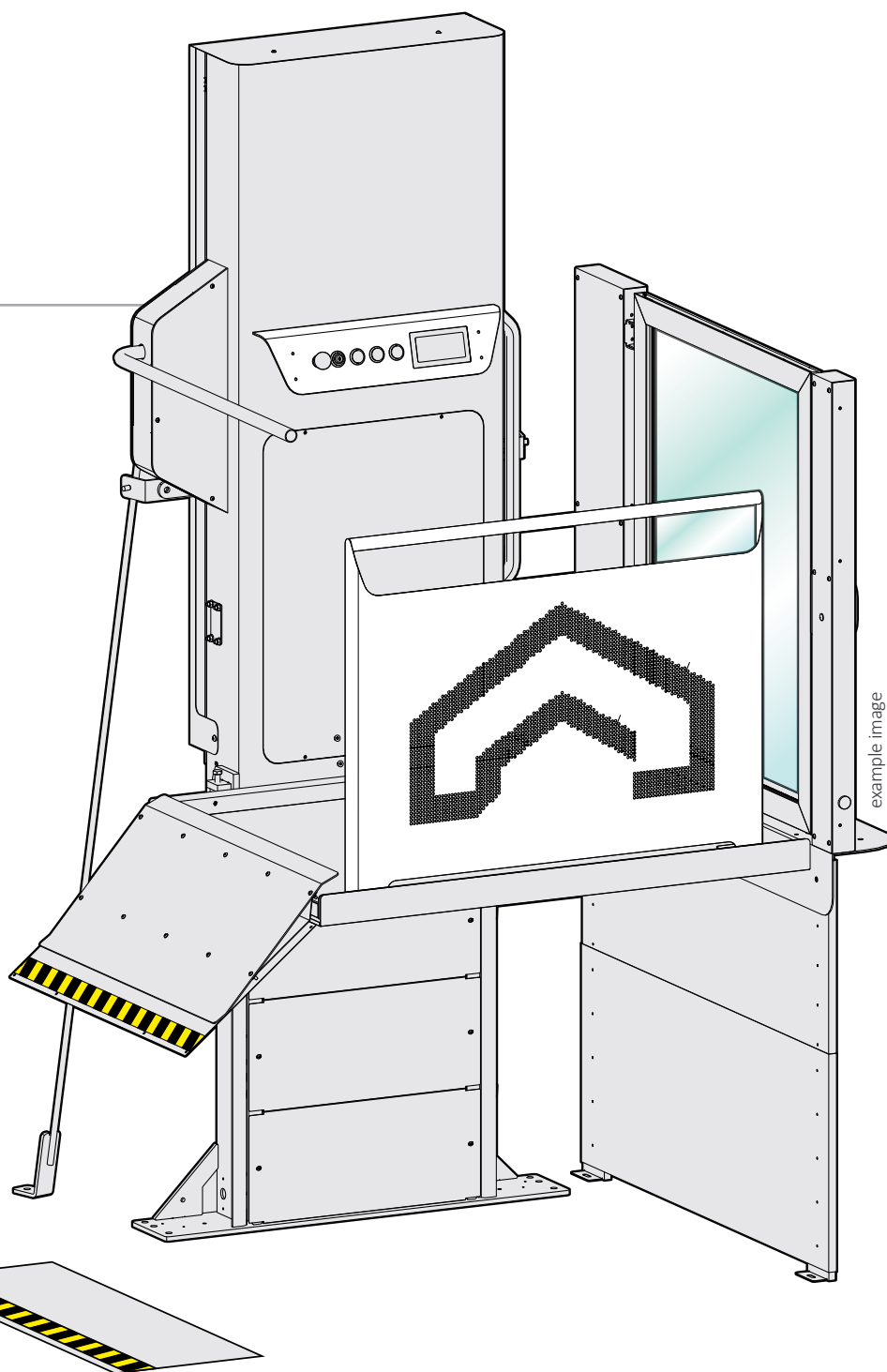


DomoStep[®] 130

Platform lift electric screw lift for small height differences

ELECTRICAL EQUIPMENT

(Rev.0)



A

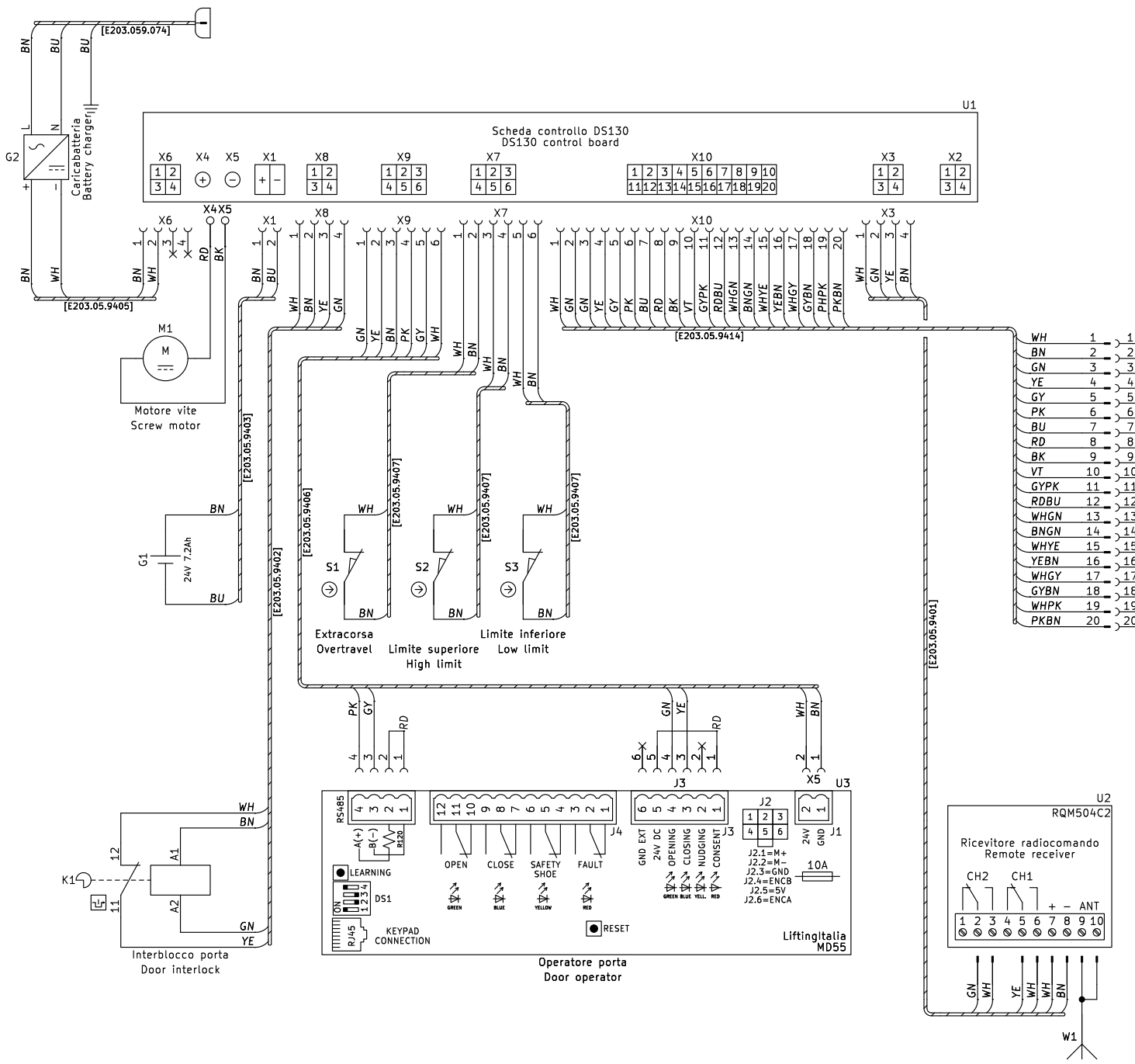
B

C

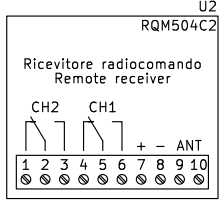
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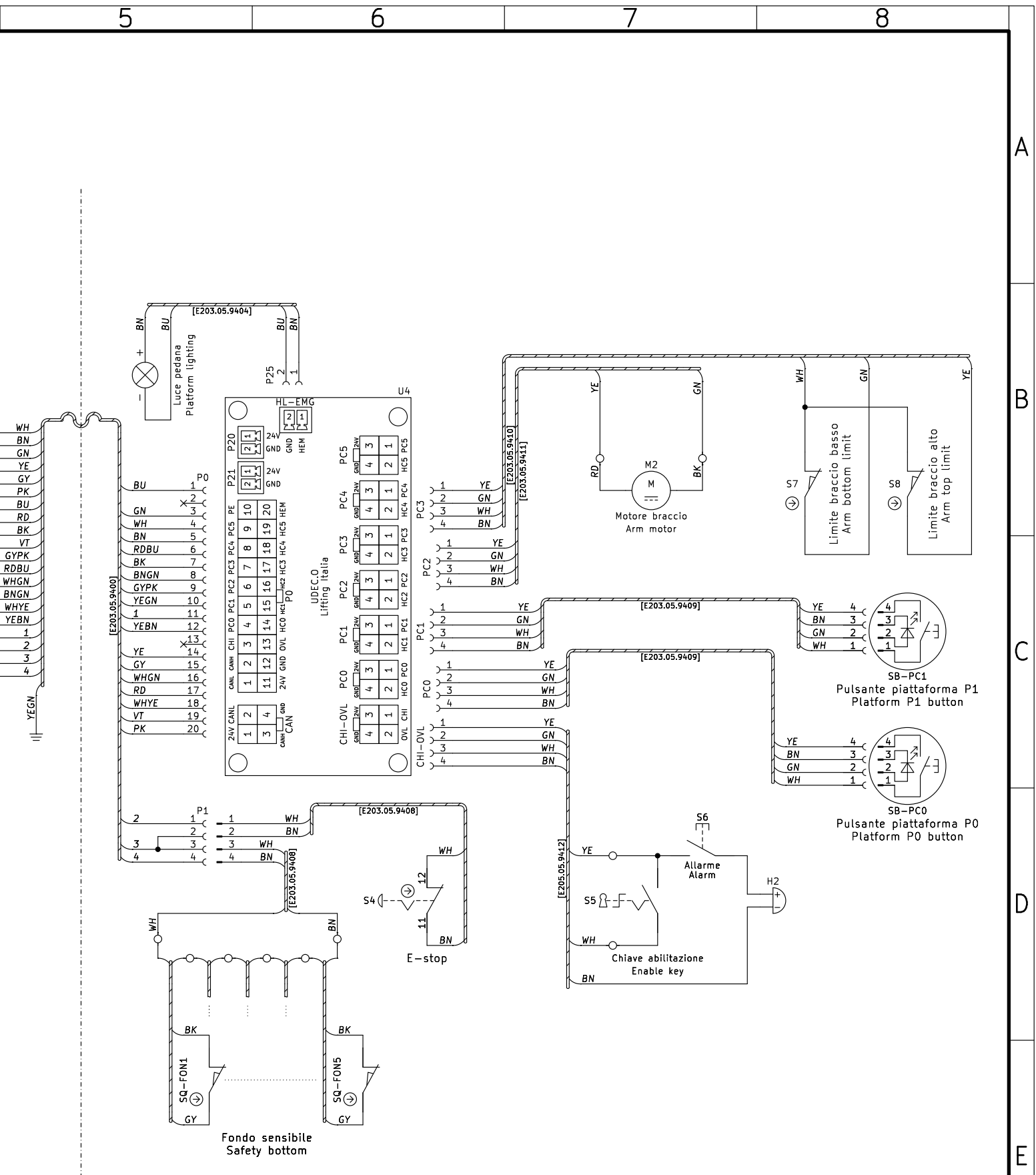
E

F



- WH 1 → 1
- BN 2 → 2
- GN 3 → 3
- YE 4 → 4
- GY 5 → 5
- PK 6 → 6
- BU 7 → 7
- RD 8 → 8
- BK 9 → 9
- VT 10 → 10
- GYPK 11 → 11
- RDBU 12 → 12
- WHGN 13 → 13
- BNGN 14 → 14
- WHYE 15 → 15
- YEBN 16 → 16
- WHGY 17 → 17
- GYBN 18 → 18
- WHPK 19 → 19
- PKBN 20 → 20





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File: QUADRO.kicad_sch

DomoStep 2

Size: A3

Date: 2025-03-12

Author: L.Marcantonio

Rev: 1

Schema impianto

Pag: 1

AREALIFTING

Electrical diagram legend

REFERENCE	DESCRIPTION	LOCATION
G1	Batteries/Battery	1/C1
G2	Battery charger/Battery charger	1/B1
H1	Platform lighting/ Platform lighting	1/B5
H2	Buzzer/sounder (generic symbol, DC)	1/D7
K1	Door interlock/Door interlock	1/D1
M1	Motor screw/Screw motor	1/C1
M2	Motor arm/Arm motor	1/C7
SB-PCO	Platform P0/Platform P0 button	1/D8
SB-PC1	Platform P1/Platform P1 button	1/C8
SQ-FON1	Sensitive/Safety bottom	1/E5
SQ-FON5	Sensitive/Safety bottom	1/E6
S1	Extra ride/Overtravel	1/C2
S2	Upper limit/High limit	1/C2
S3	Lower limit/Low limit	1/C3
S4	E-stop/E-stop	1/D6
S5	Enable key	1/D7
S6	Alarm/Alarm	1/D7
S7	Arm bottom limit/Arm bottom limit	1/C8
S8	Arm high/Arm top limit	1/C8
U1	DS130/DS130 control board	1/B3
U2	Remote control receiver/Remote receiver	1/D4
U3	Door operator/Door operator	1/D3
U4	UDEC column/UDEC COP board	1/C6
W1	Radio control/Remote antenna	1/E4

Display and errors

- In the correct operating state, only the display appears:

--

- In the event of malfunctions, error codes appear on the display:

ERROR CODE	ERROR DESCRIPTION
00	Low Batteries
01	Battery voltage too high
02	Lack of stop enablement (in practice, you will never see it, the board turns off first)
03	Motor arm driver error (and ramp if it existed)
04	Lamp driver error
05	Operator control driver error
06	Electric lock driver error
07	Arm end-stop problem (both active)
08	Ramp end problem)
09	Problem floor limits (both active)
0A	Main relay contact fault
0B	Cabinet bottom bypass contact fault
0B	Over-travel plant

- if there is a dot at the top, the error is currently active:

00.

- if the dot is off, it is historical:

00

NOTES:

- The reset button cancels everything.
- The buttons light up steadily in the possible directions and flash during movement; they both flash in abnormal situations where the Platform cannot start.



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