

Visitor address EPC:

De Rondon 1 (TNO-building)
5612 AP Eindhoven
tel.+31(0)40 247 3659

Projectdefinition : Horizontale lift

Projectnumber : 10018369

Client :

Contact : W. Houtman tel.no. :
Department : WTB
Location : Project Locatie
Path : 10018369 - Robo Cup 4 wiel6 E\3 EPlan\Horizontale Lift

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By : Paul Bemelmans

Checked by : PBem

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Laatste wijziging: 02-03-2009

KLEURCODE BEDRADING SCHAKELPALENEN		
WISSELSTROOM CIRCUIT		
FASE	400 VOLT	BRUIN
NUL	400 VOLT	LICHTBLAUW
FASE	230 VOLT	BRUIN
NUL	230 VOLT	LICHTBLAUW
FASE	24 VOLT	GROEN
NUL	24 VOLT	PAARS
VREEMDE SPANNING		ORANJE
VREEMDE SPANNING = Andere voeding (potentiaal) dan de hoofdvoeding die de kast binnen komt !!		
PLC INGANGEN		GEEL
PLC UITGANGEN		WIT
GELIJKSTROOM CIRCUIT		
+	24 VOLT	GEEL/ROOD
0	24 VOLT	GEEL/ZWART
-	24 VOLT	GEEL/BLAUW
+	15 VOLT	GROEN/ROOD
0	15 VOLT	GROEN/ZWART
-	15 VOLT	GROEN/BLAUW
+	12 VOLT	BRUIN/ROOD
0	12 VOLT	BRUIN/ZWART
-	12 VOLT	BRUIN/BLAUW
+	5 VOLT	WIT/ROOD
0	5 VOLT	WIT/ZWART
-	5 VOLT	WIT/BLAUW
OVERIGE SPANNINGEN		
+		ROOD
0		ZWART
-		DONKERBLAUW

STROOMTABEL	
IN GOOT (+ REDUCTIE)	
0,14 mm ²	1,5 A
0,25 mm ²	3 A
0,50 mm ²	7,1 A
0,75 mm ²	8,7 A
1 mm ²	12 A
1,5 mm ²	15,5 A
2,5 mm ²	21 A
4 mm ²	28,5 A
6 mm ²	36 A
10 mm ²	50 A
16 mm ²	69 A
25 mm ²	88 A
35 mm ²	111 A
NIET IN GOOT	
50 mm ²	141 A
70 mm ²	178 A
95 mm ²	220 A
120 mm ²	254 A
Meerdere koperen aders (/kabel) Tomg. 30° C	

DIN47100 kleurcodetabel

Ader/aderkleur

1. WIT
2. BRUIN
3. GROEN
4. GEEL
5. GRIJS
6. ROSE
7. BLAUW
8. ROOD
9. ZWART
10. PAARS
11. GRIJS/ROSE (ORANJE)
12. BLAUW/ROOD
13. WIT/GROEN
14. BRUIN/GROEN
15. WIT/GEEL
16. GEEL/BRUIN
17. WIT/GRIJS
18. GRIJS/BRUIN (GEEL/GROEN)
19. WIT/ROSE (WIT/ORANJE)
20. ROSE/BRUIN (WIT/BRUIN)
21. WIT/BLAUW
22. BRUIN/BLAUW
23. WIT/ROOD
24. BRUIN/ROOD (ZWART/ROOD)
25. WIT/ZWART
26. BRUIN/ZWART
27. GRIJS/GROEN
28. GEEL/GRIJS
29. ROSE/GROEN (GRIJS/BLAUW)
30. GEEL/ROSE (WIT/PAARS)
31. GROEN/BLAUW

Ader/aderkleur

32. GEEL/BLAUW
33. GROEN/ROOD
34. GEEL/ROOD
35. GROEN/ZWART
36. GEEL/ZWART
37. GRIJS/BLAUW (ZWART/BLAUW)
38. ROSE/BLAUW
39. GRIJS/ROOD
40. ROSE/ROOD
41. GRIJS/ZWART
42. ROSE/ZWART
43. BLAUW/ZWART
44. ROOD/ZWART
45. WIT/BRUIN/ZWART
46. GEEL/GROEN/ZWART
47. GRIJS/ROSE/ZWART
48. BLAUW/ROOD/ZWART
49. WIT/GROEN/ZWART
50. GROEN/BRUIN/ZWART
51. WIT/GEEL/ZWART
52. GEEL/BRUIN/ZWART
53. WIT/GRIJS/ZWART
54. GRIJS/BRUIN/ZWART
55. WIT/ROSE/ZWART
56. ROSE/BRUIN/ZWART
57. WIT/BLAUW/ZWART
58. BRUIN/BLAUW/ZWART
59. WIT/ROOD/ZWART
60. BRUIN/ROOD/ZWART
61. ZWART/WIT

Andere isolatie :
XLPE of EPR = 1,25 x PVC
(bv : YMKV of Neopreen)

Uitzondering :
i.v.m. korte leidingen in besturingskasten
I x1,05

Code voor kleurafkortingen vlg. IEC 757

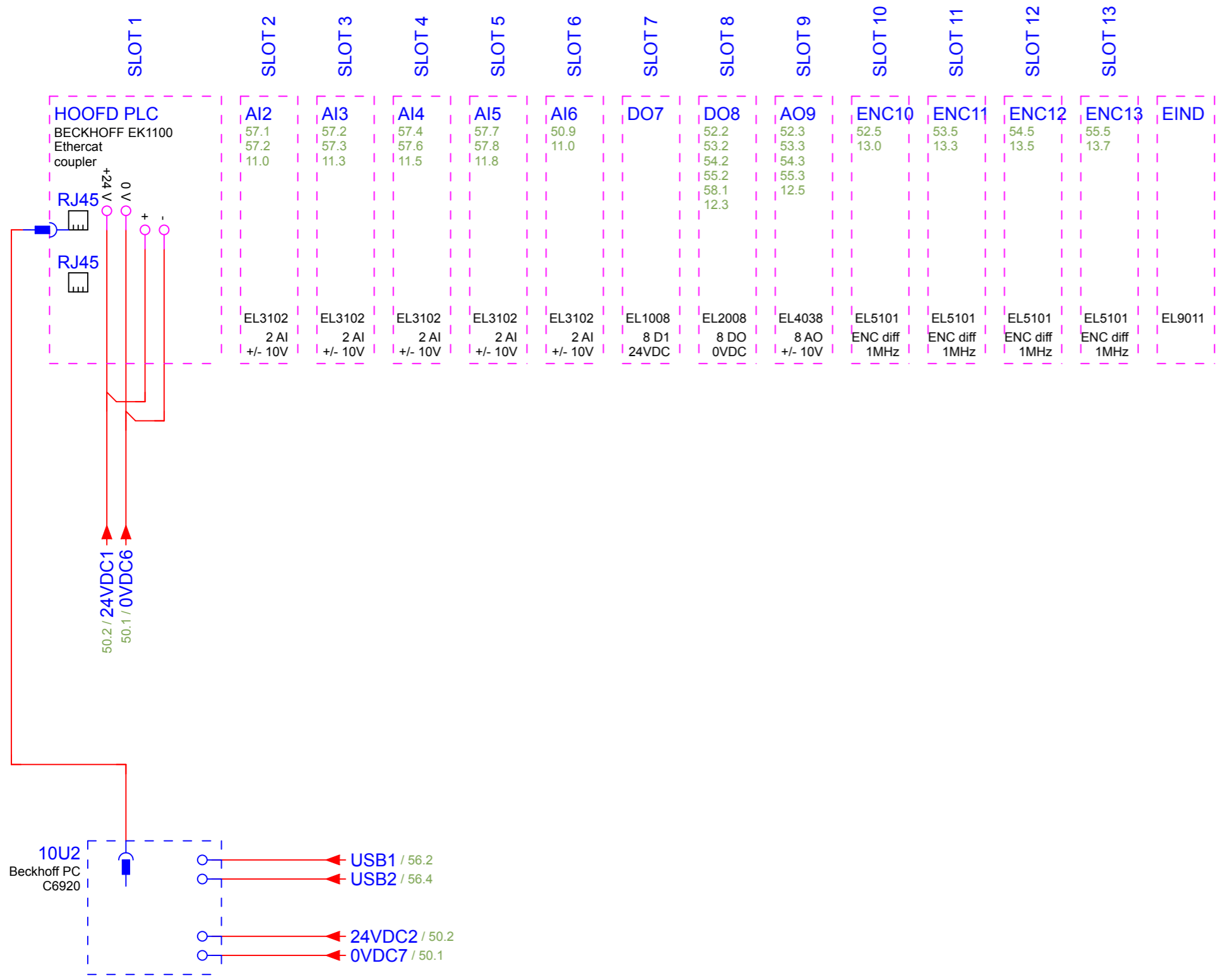
Kleur :	Afkorting
wit	WH
bruin	BN
groen	GN
geel	YE
grijs	GY
roze	PK
blauw	BU
rood	RD
zwart	BK
paars	VT
oranje	OG
turquoise	TQ
geel/groen	GNYE

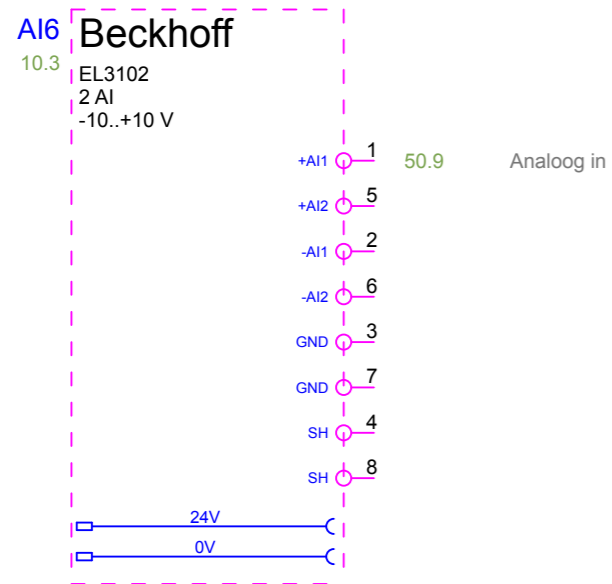
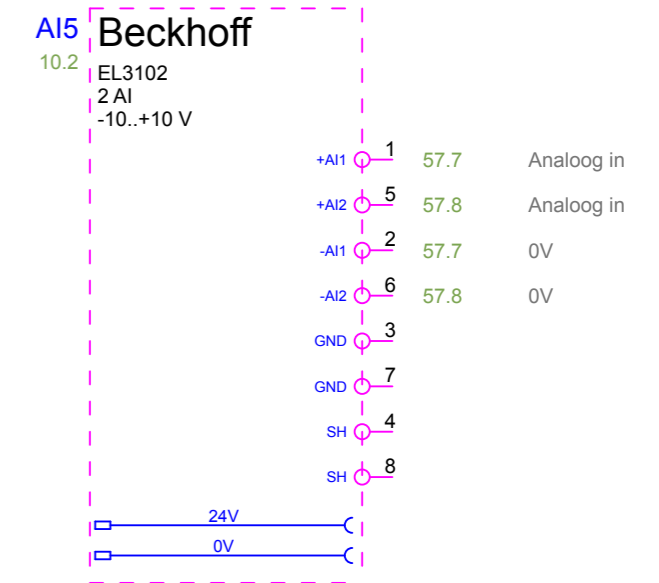
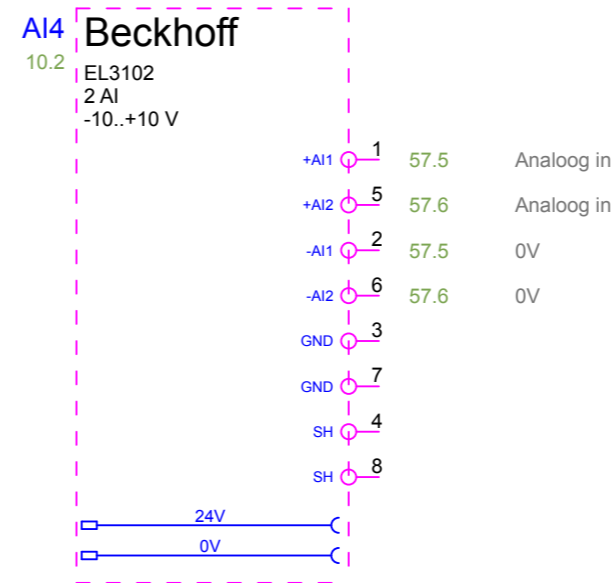
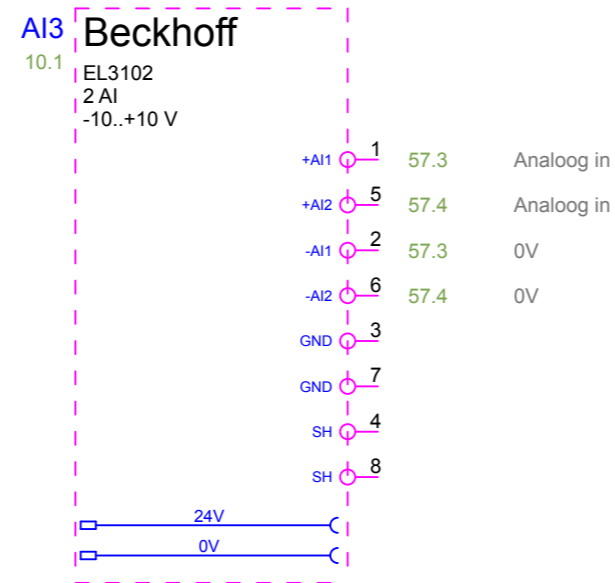
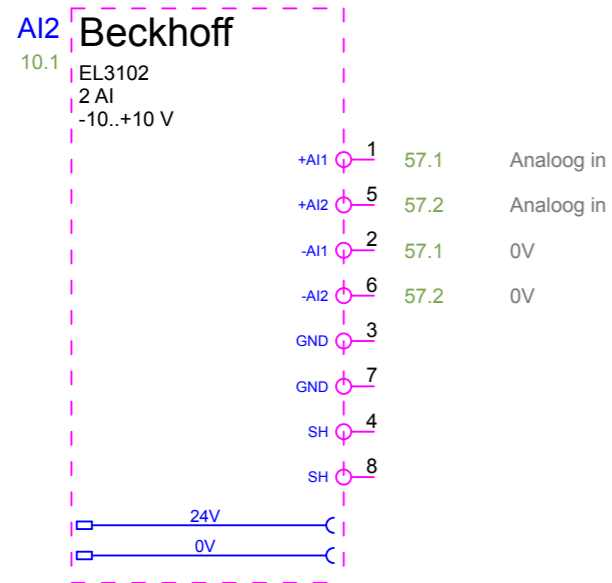
MINIMALE DOORSNEDE van koperen aders :

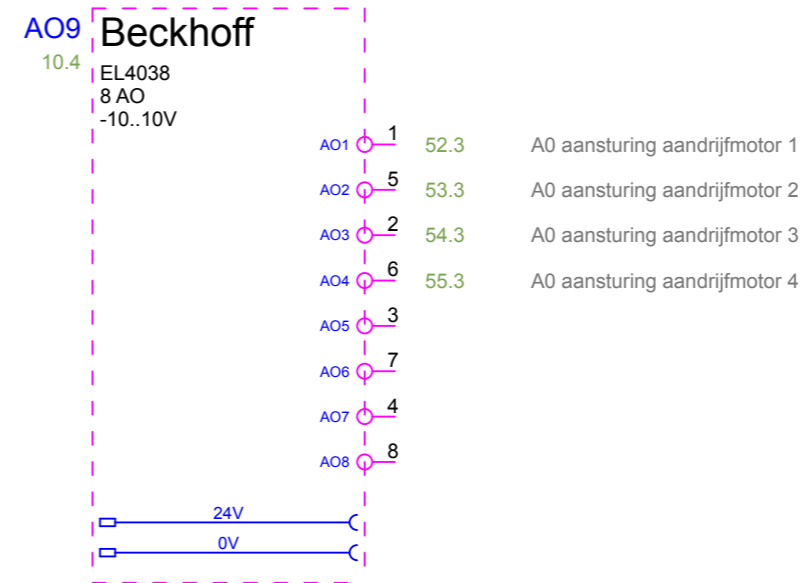
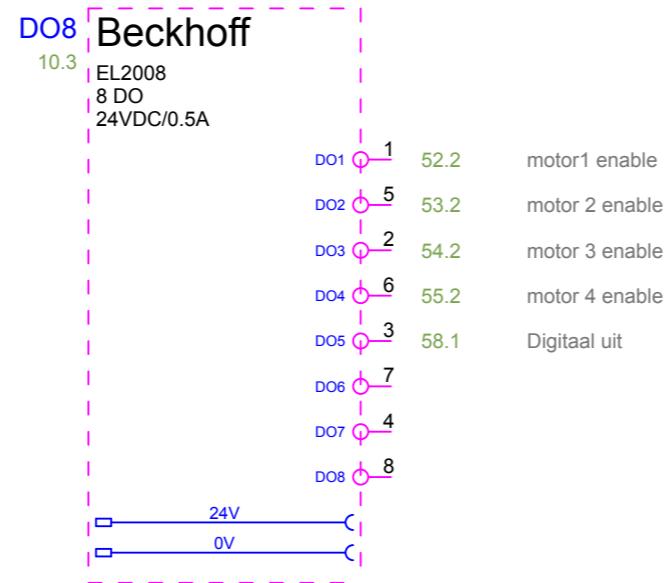
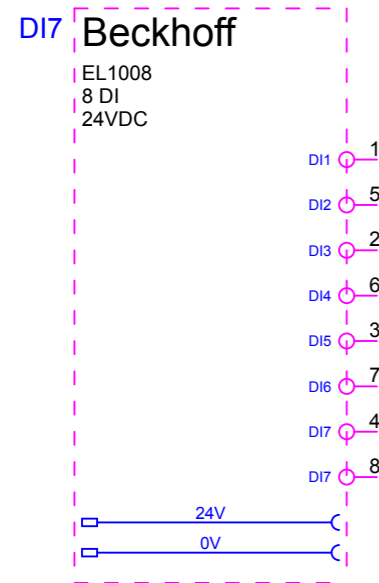
Buiten omhulsel : Voeding -draad = 1 mm² -kabel = 0,75 mm²
: Stuurstroom -draad = 1 mm² -kabel = 0,5 mm²
Binnen omhulsel : Voeding -draad = 0,75 mm²
: Stuurstroom -draad = 0,2 mm²
Data-kabel = 0.08 mm²

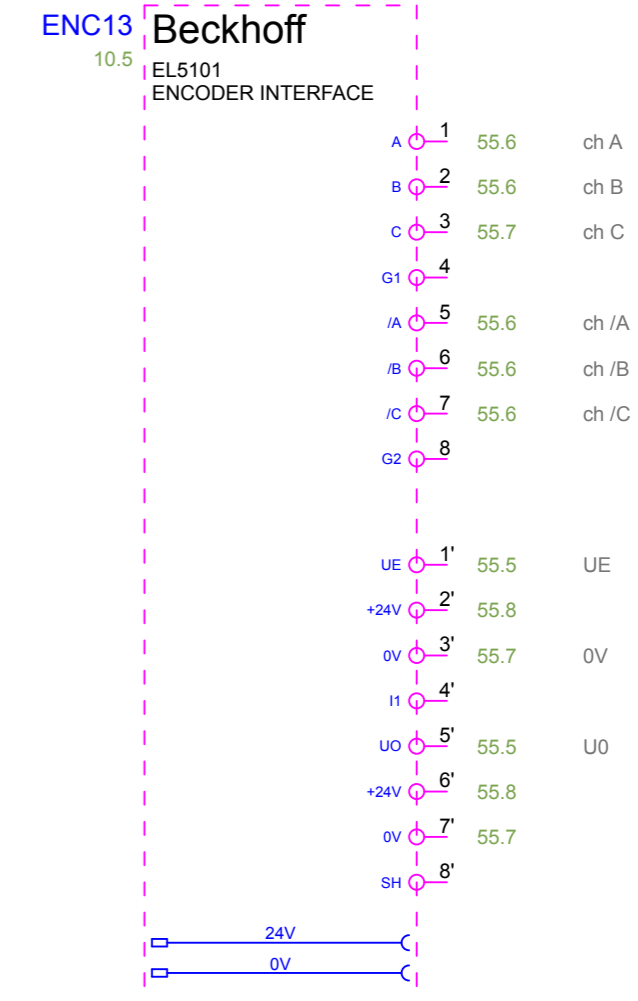
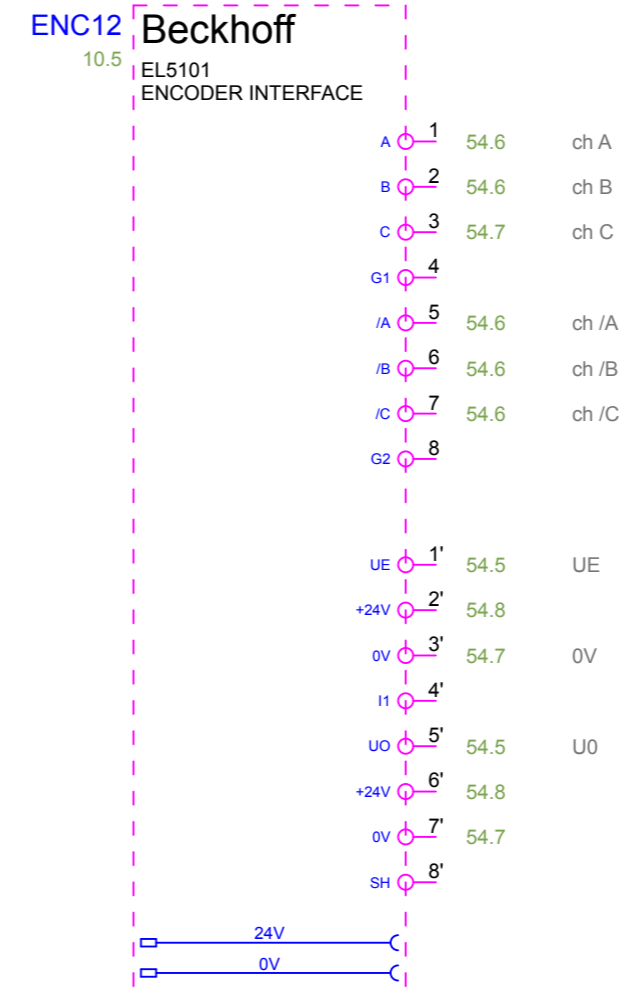
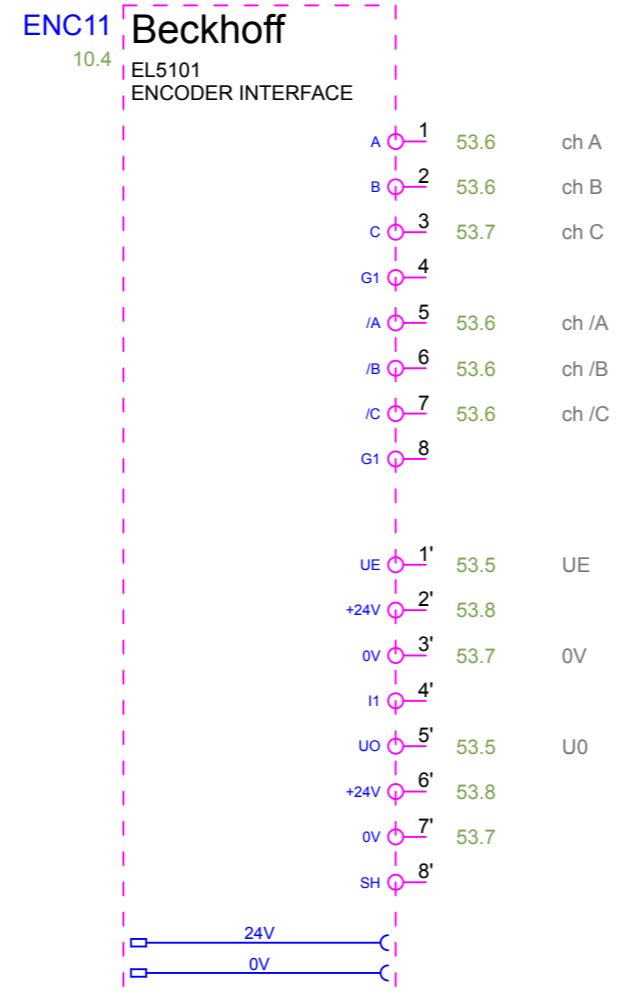
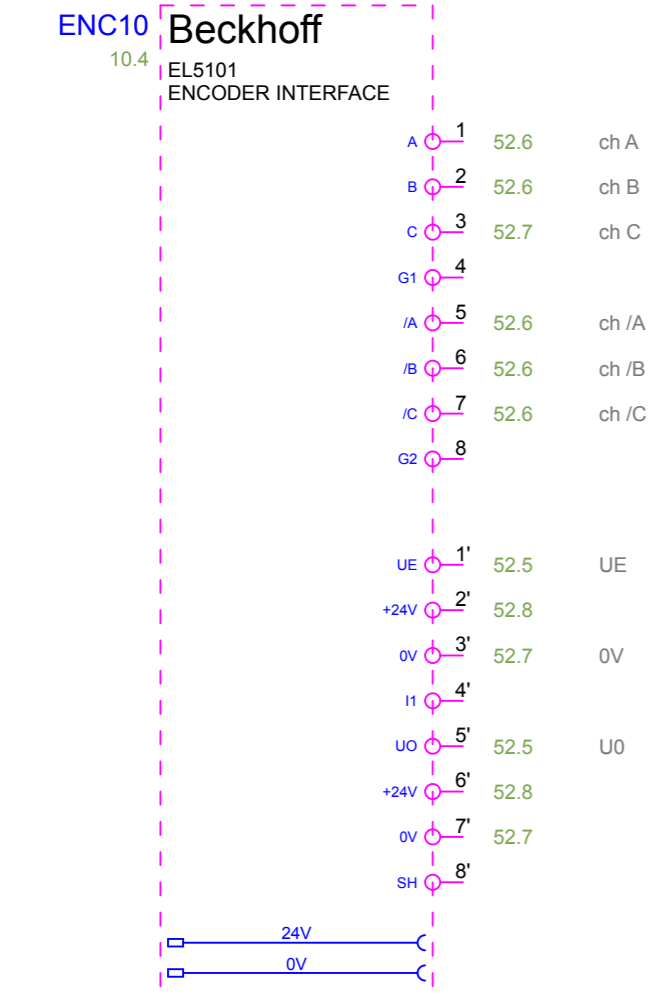
SCHAKELDRADEN :

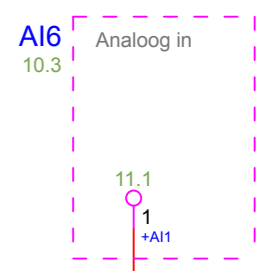
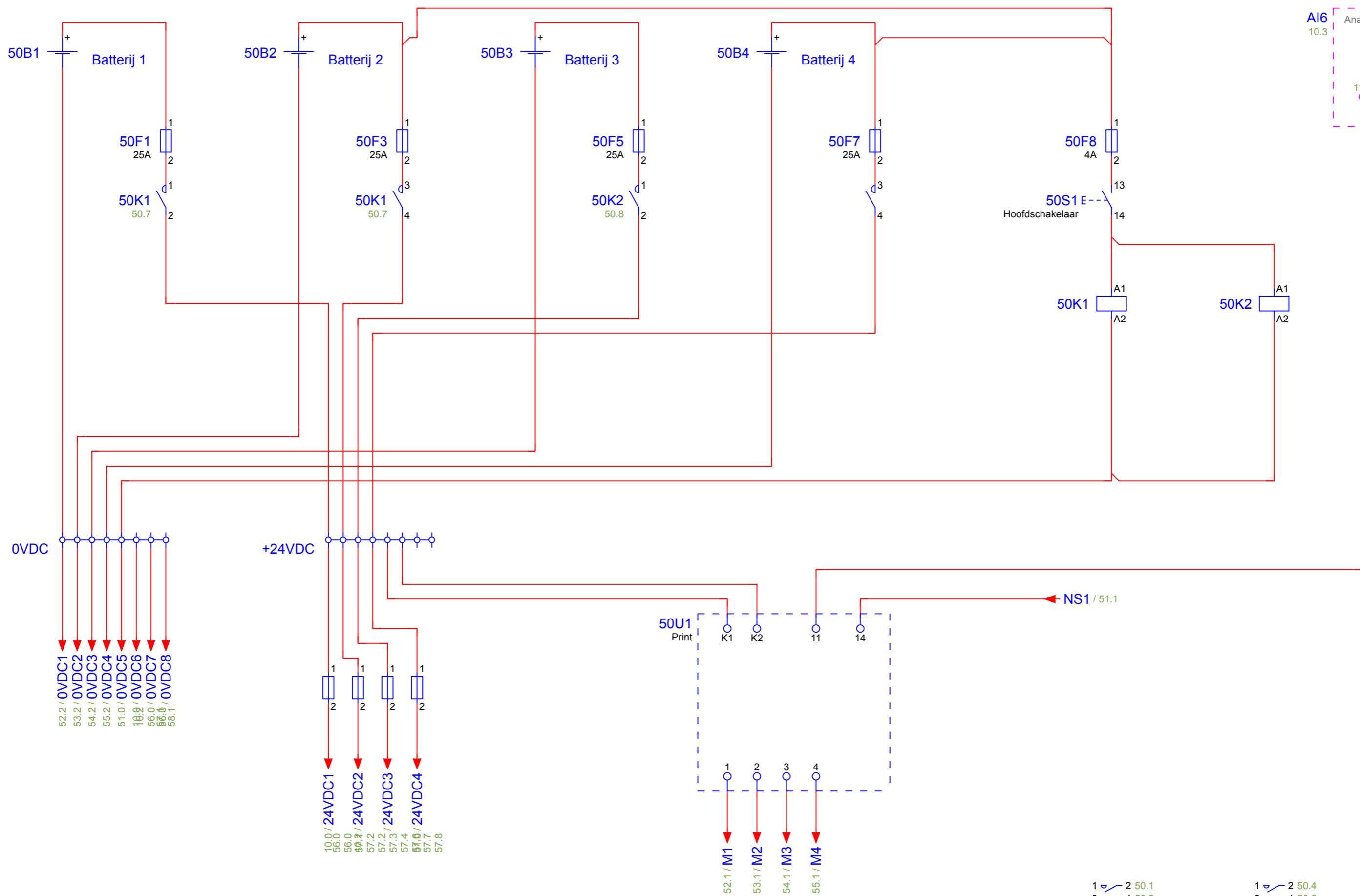
Bij spanning > 42 V kleur vervolgen
Bij spanning < 42 V alle schakeldraden GRIJS

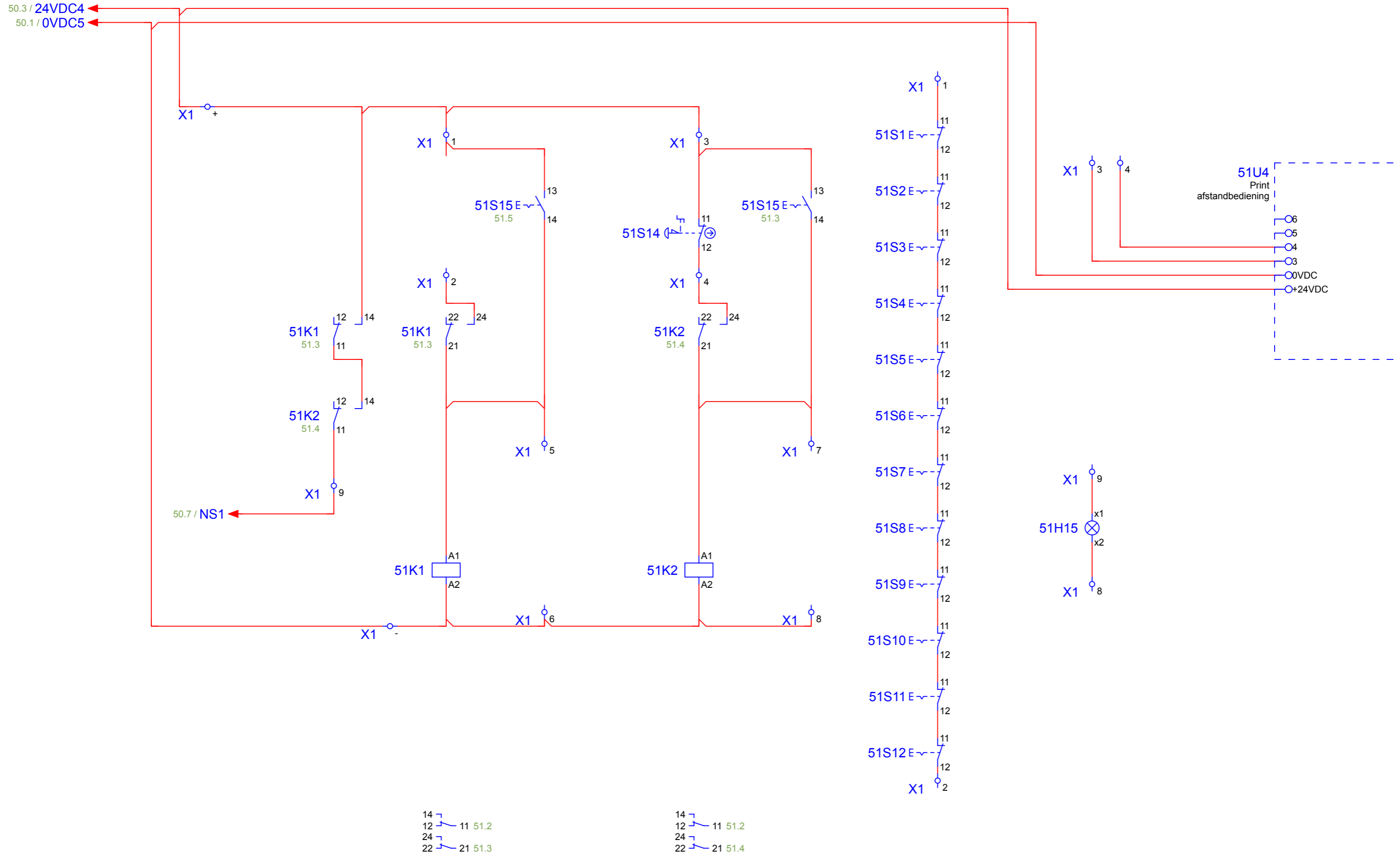


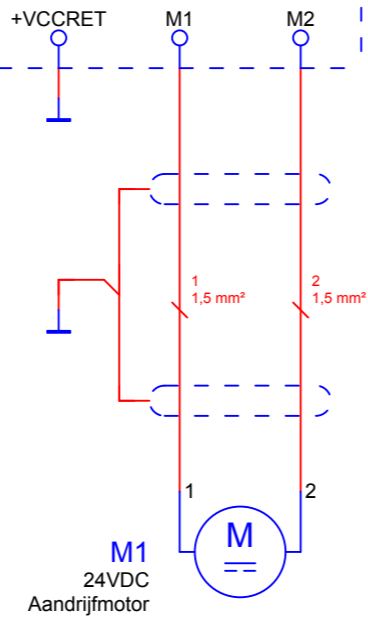
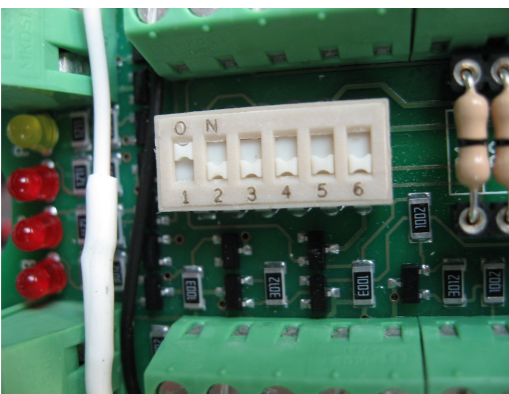
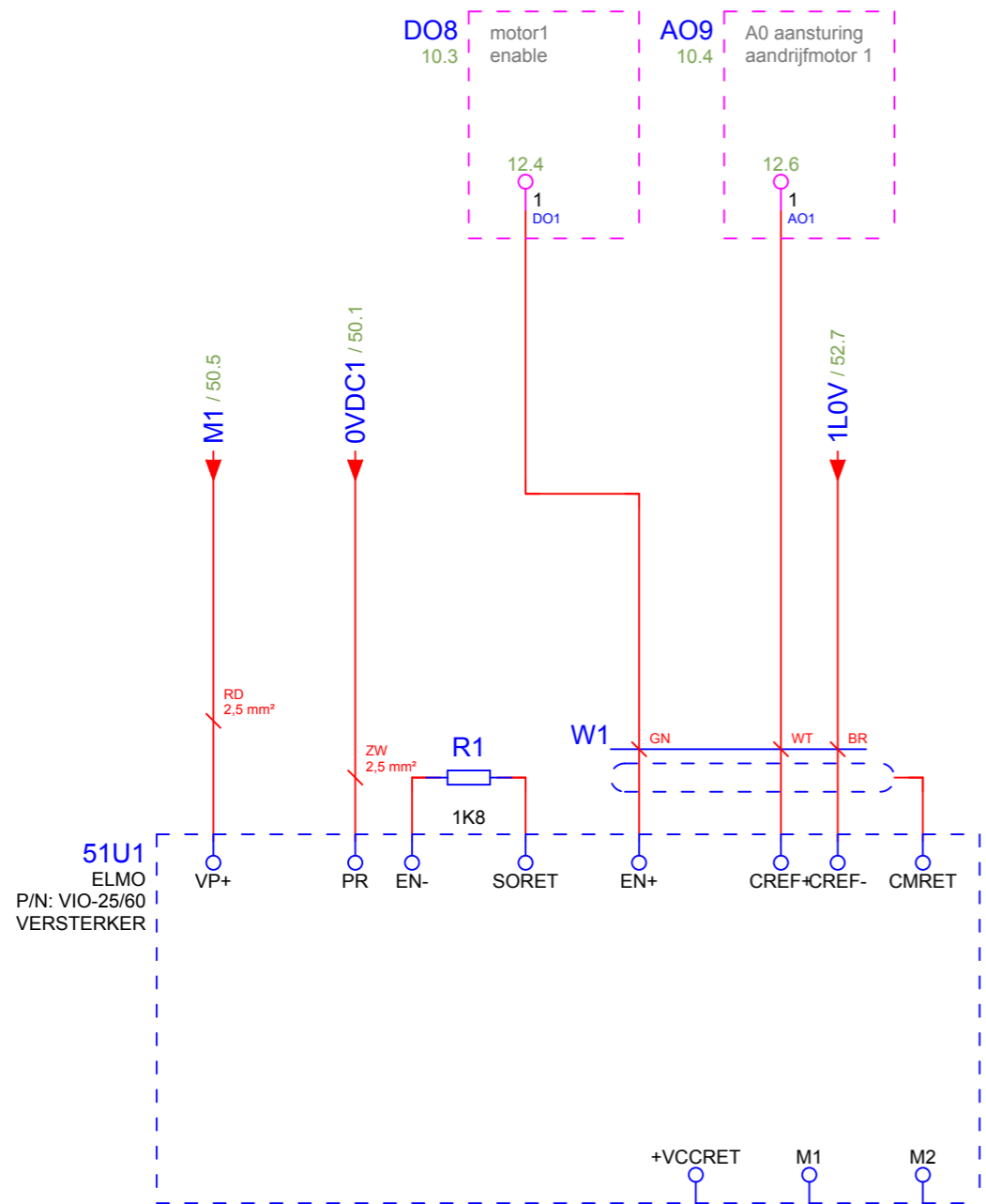




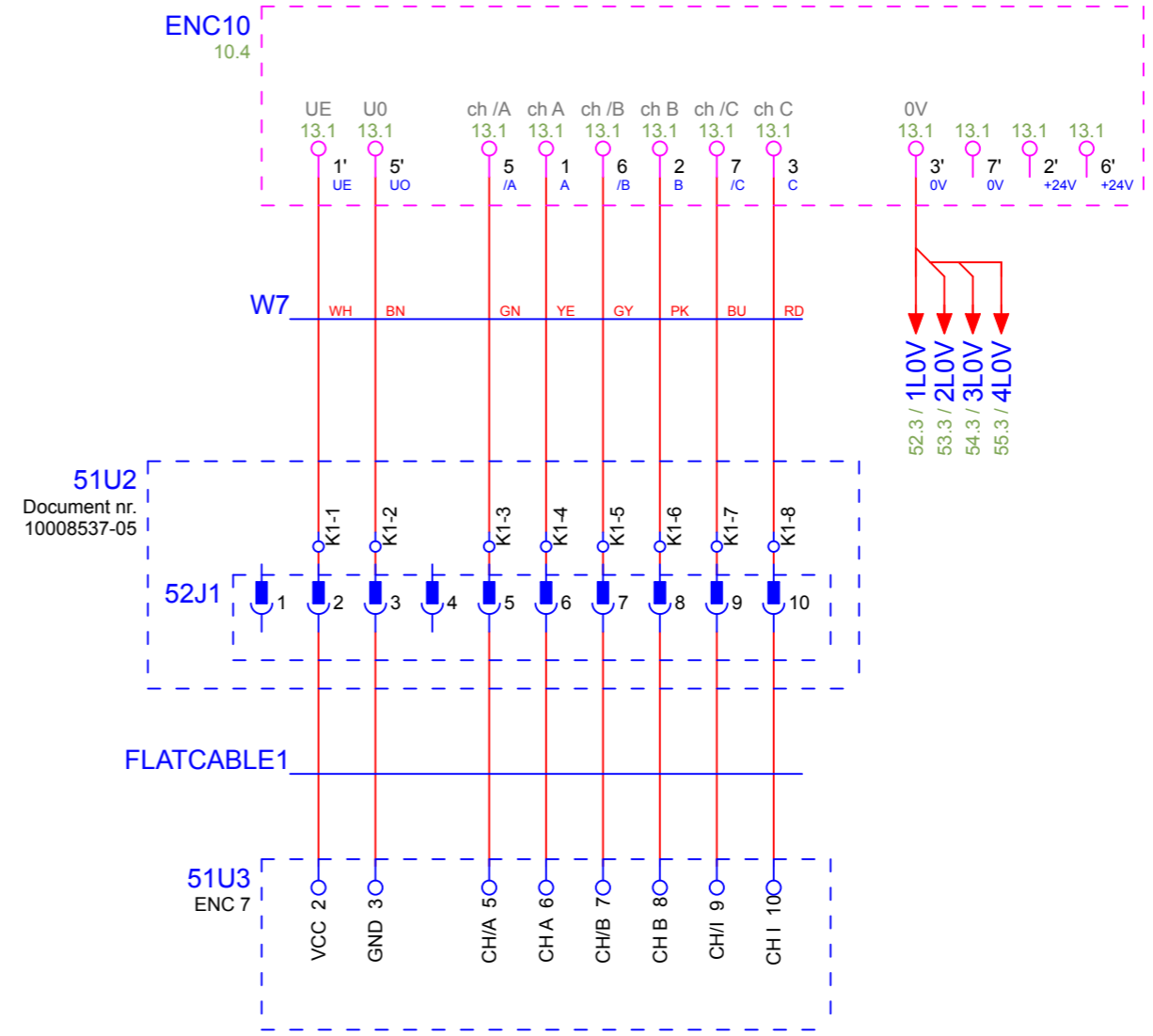




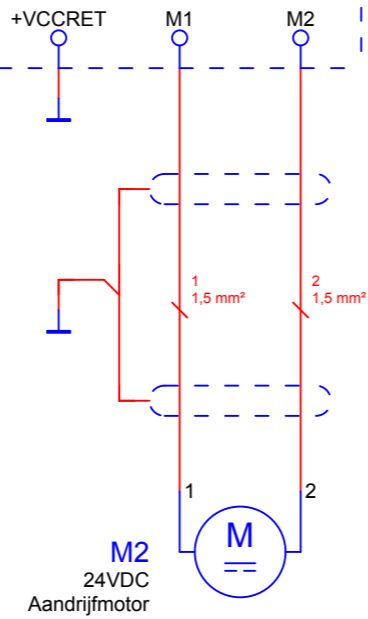
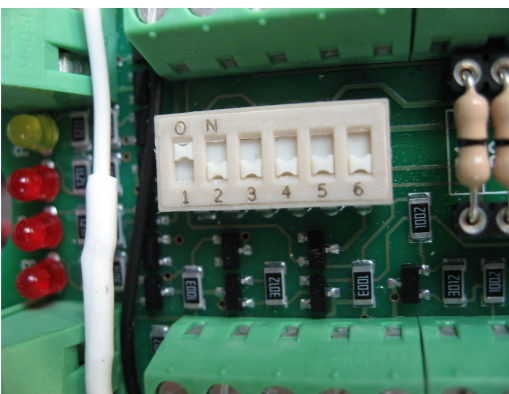
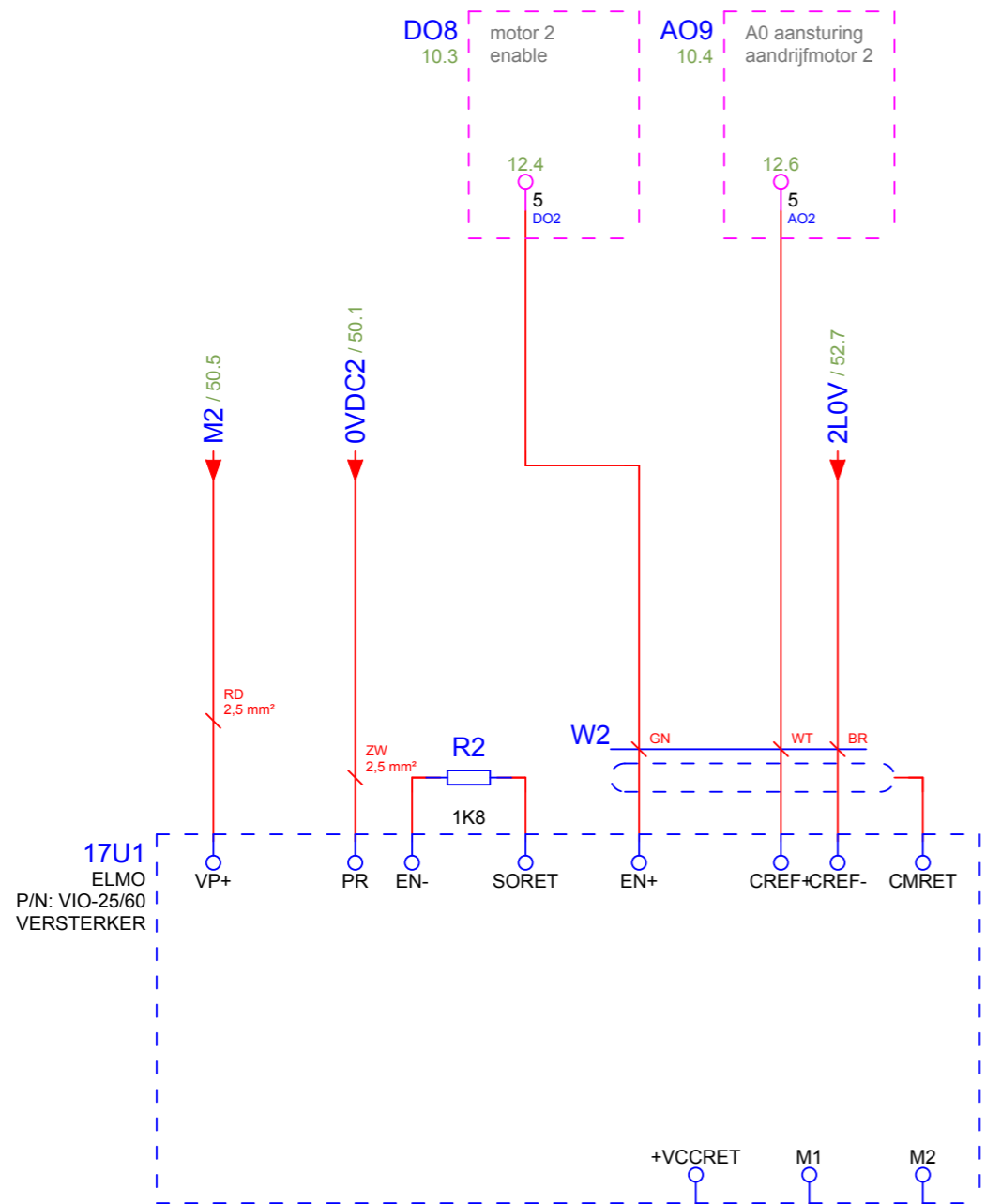




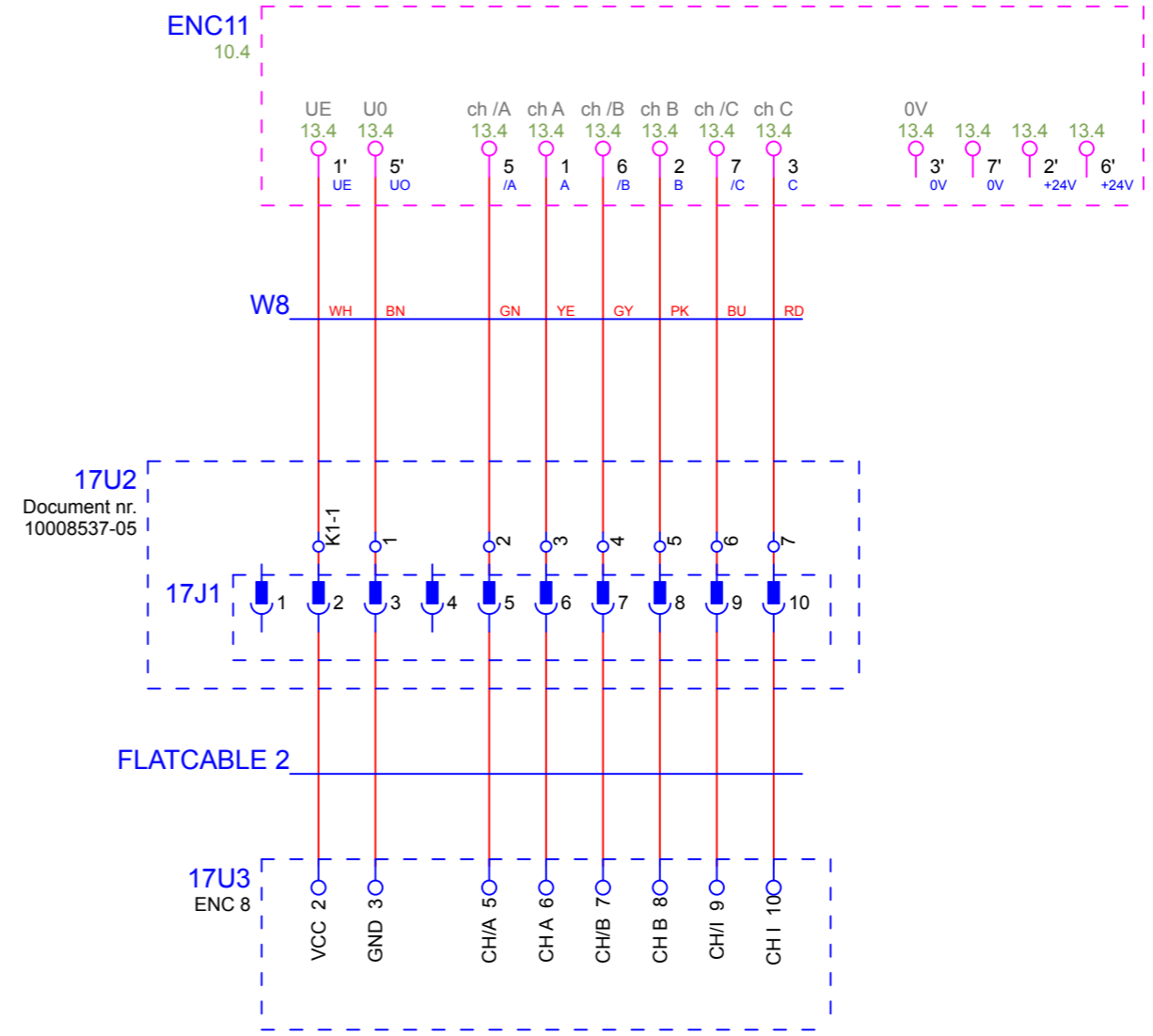
Aandrijfmotor 1



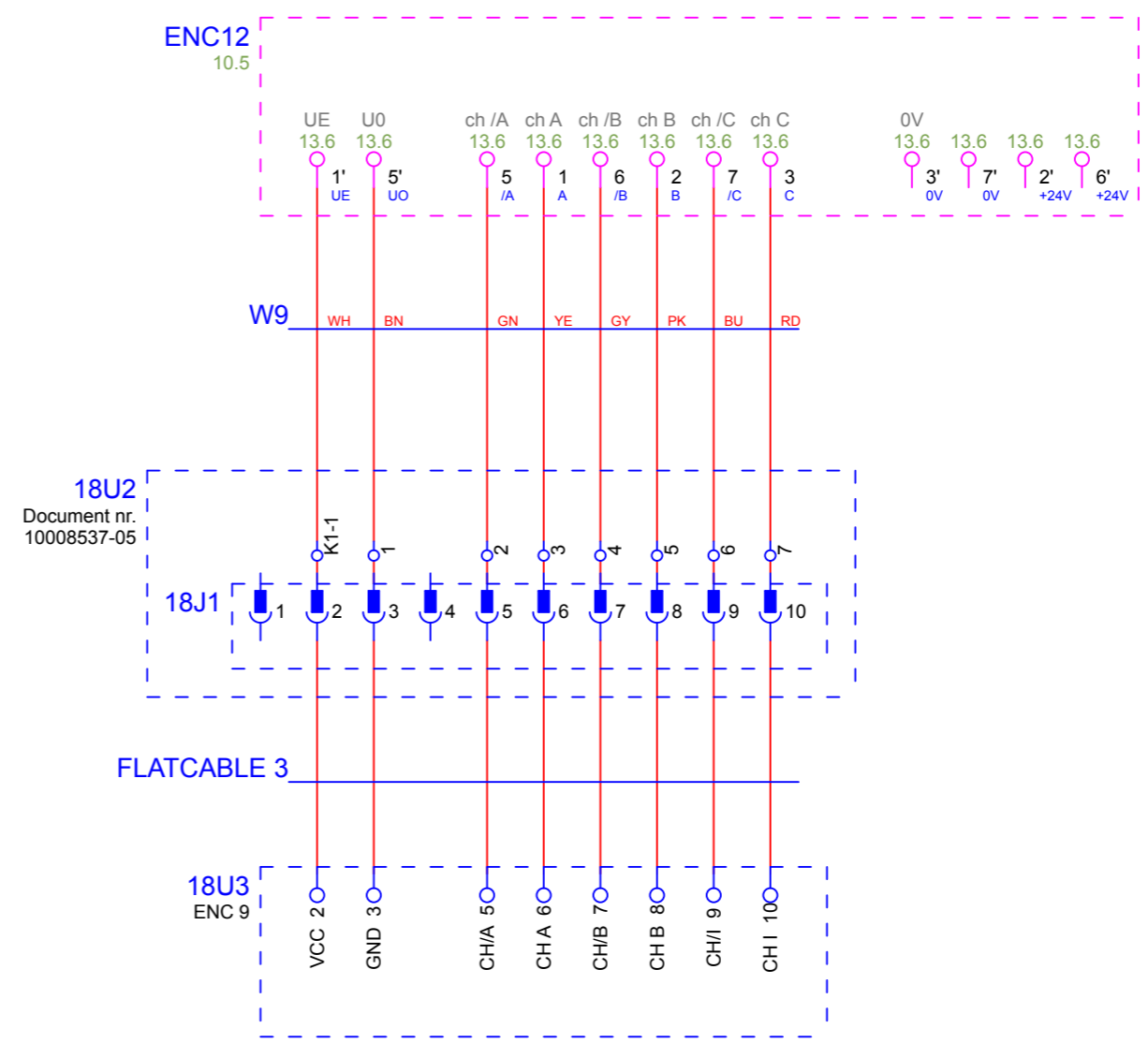
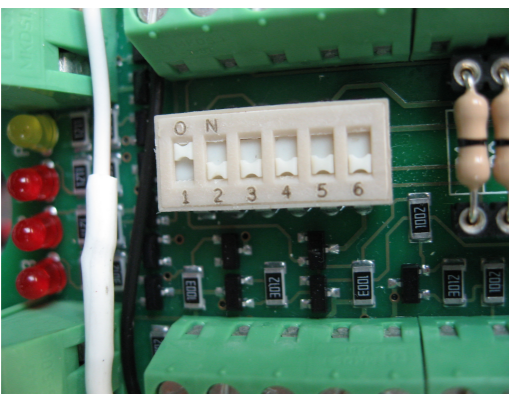
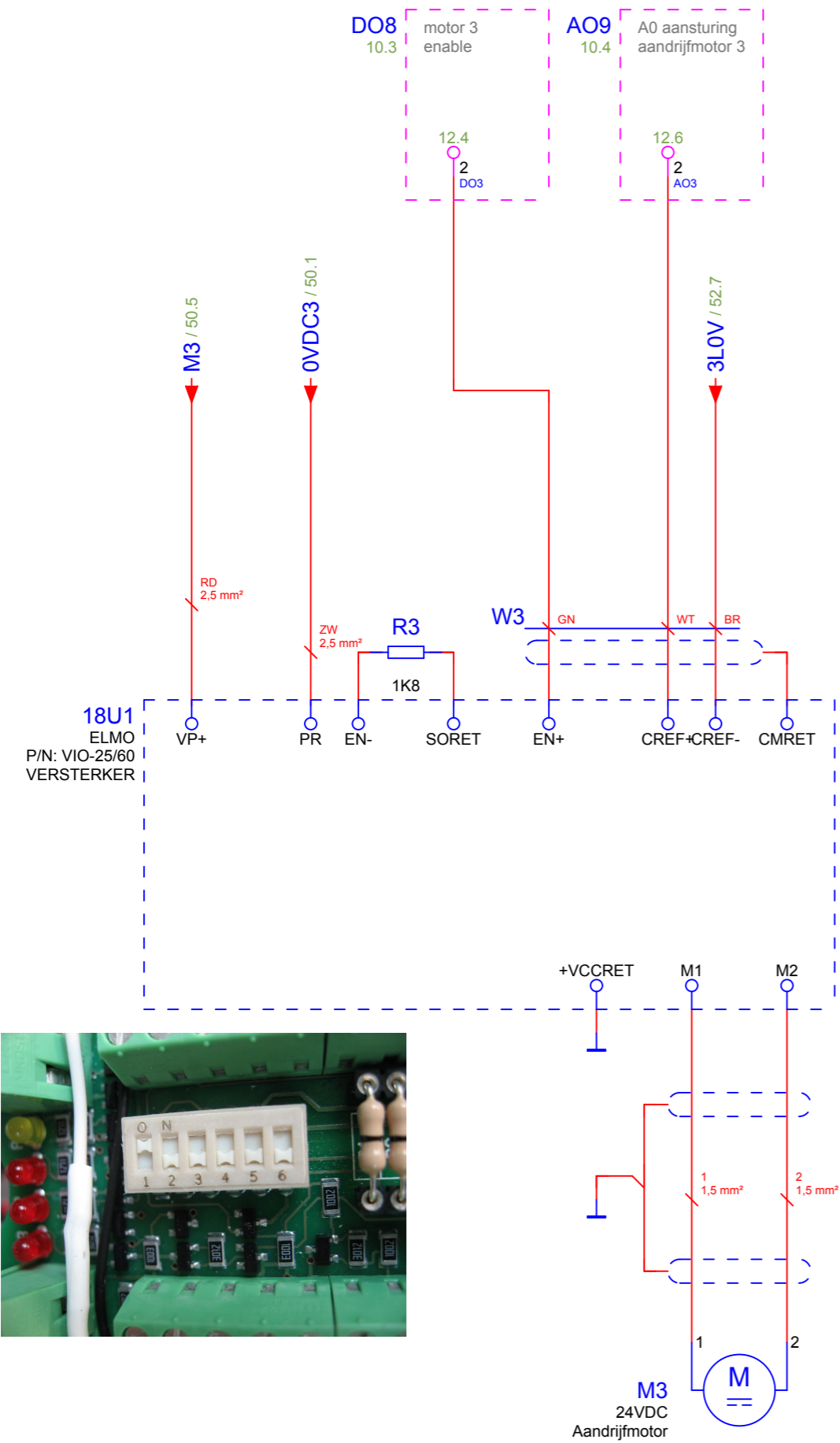
Encoder Aandrijfmotor



Aandrijfmotor 2

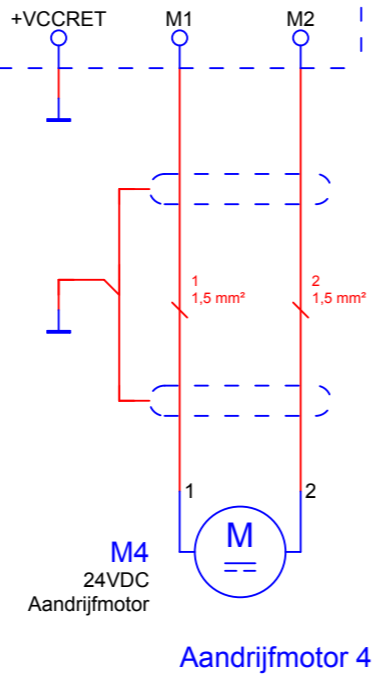
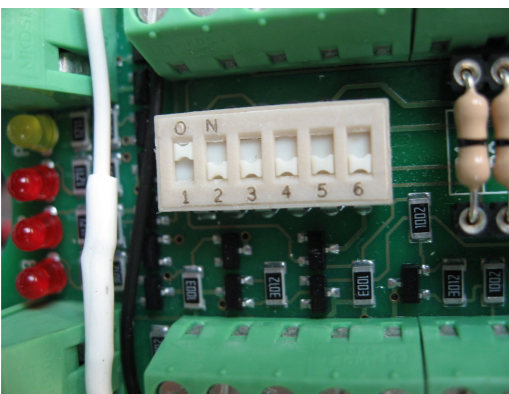
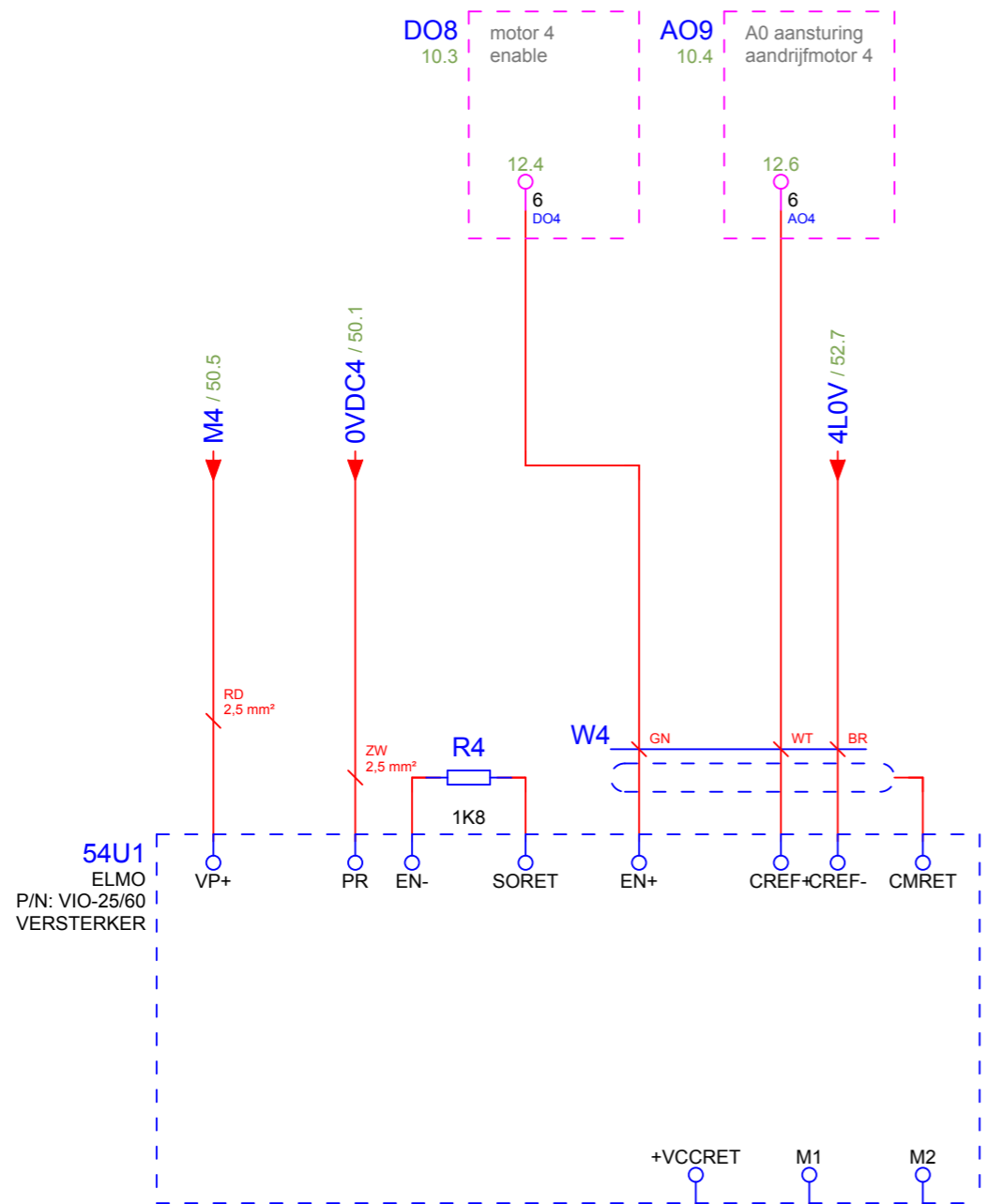


Encoder Aandrijfmotor

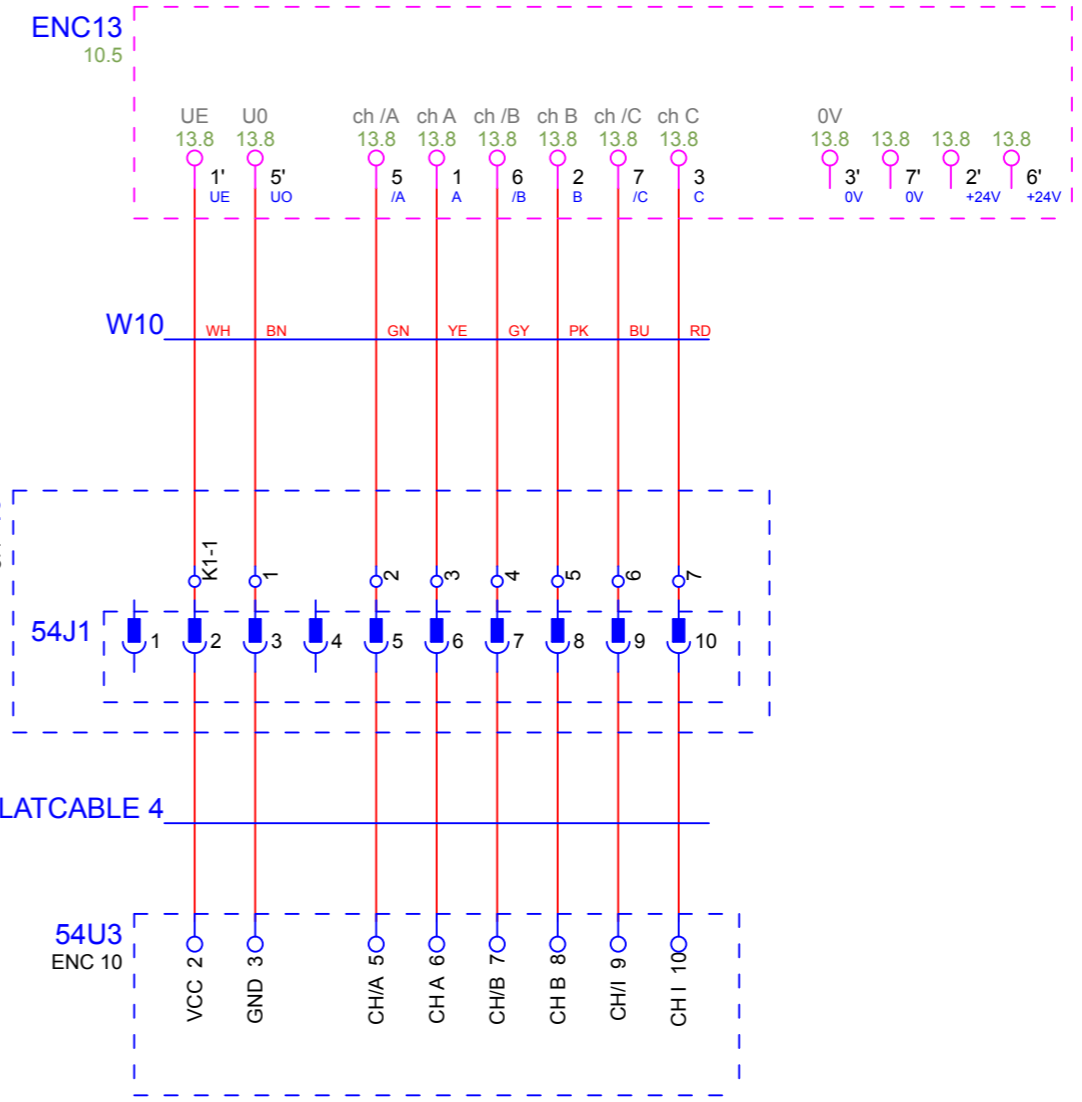


Aandrijfmotor 3

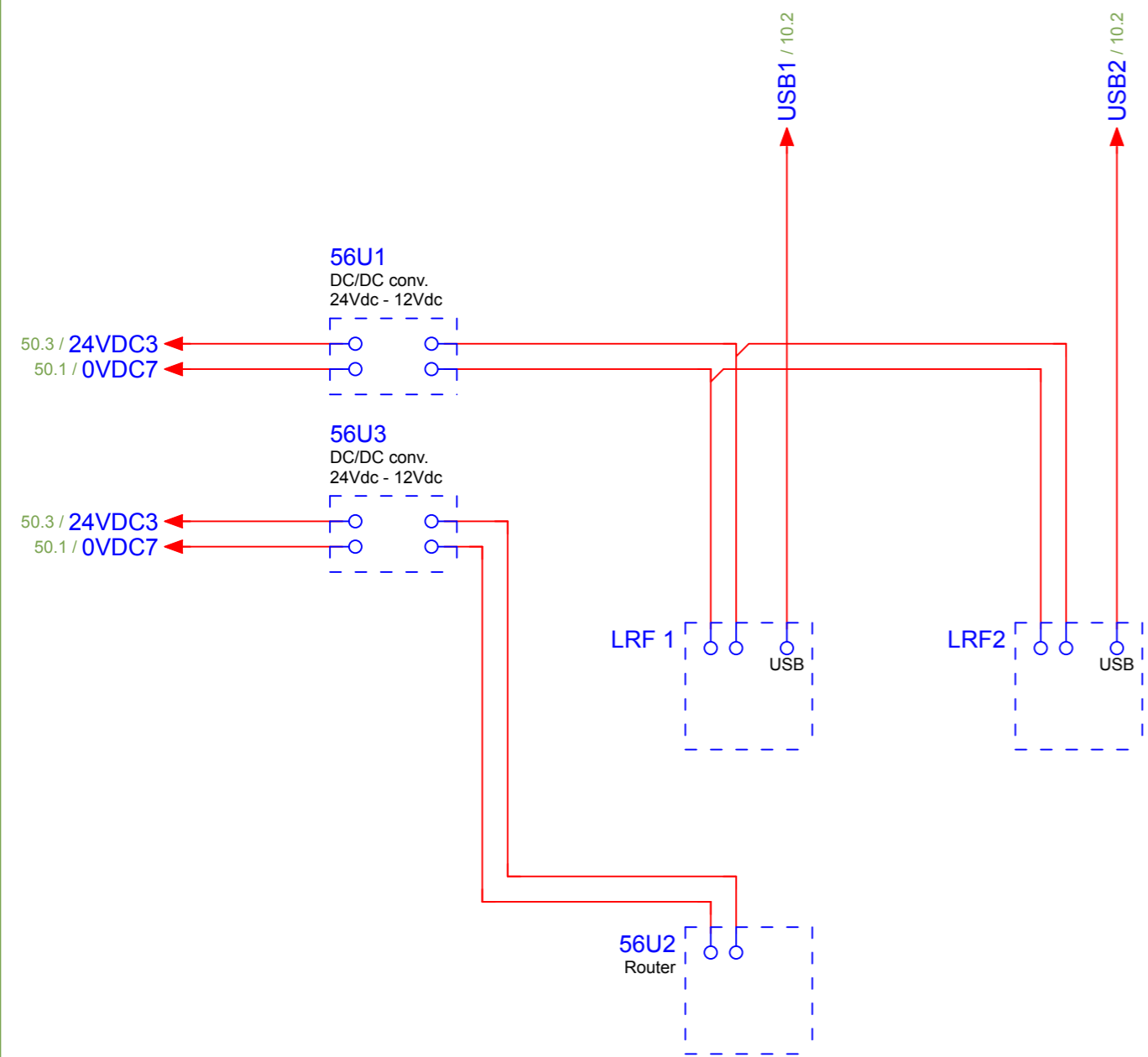
Encoder Aandrijfmotor

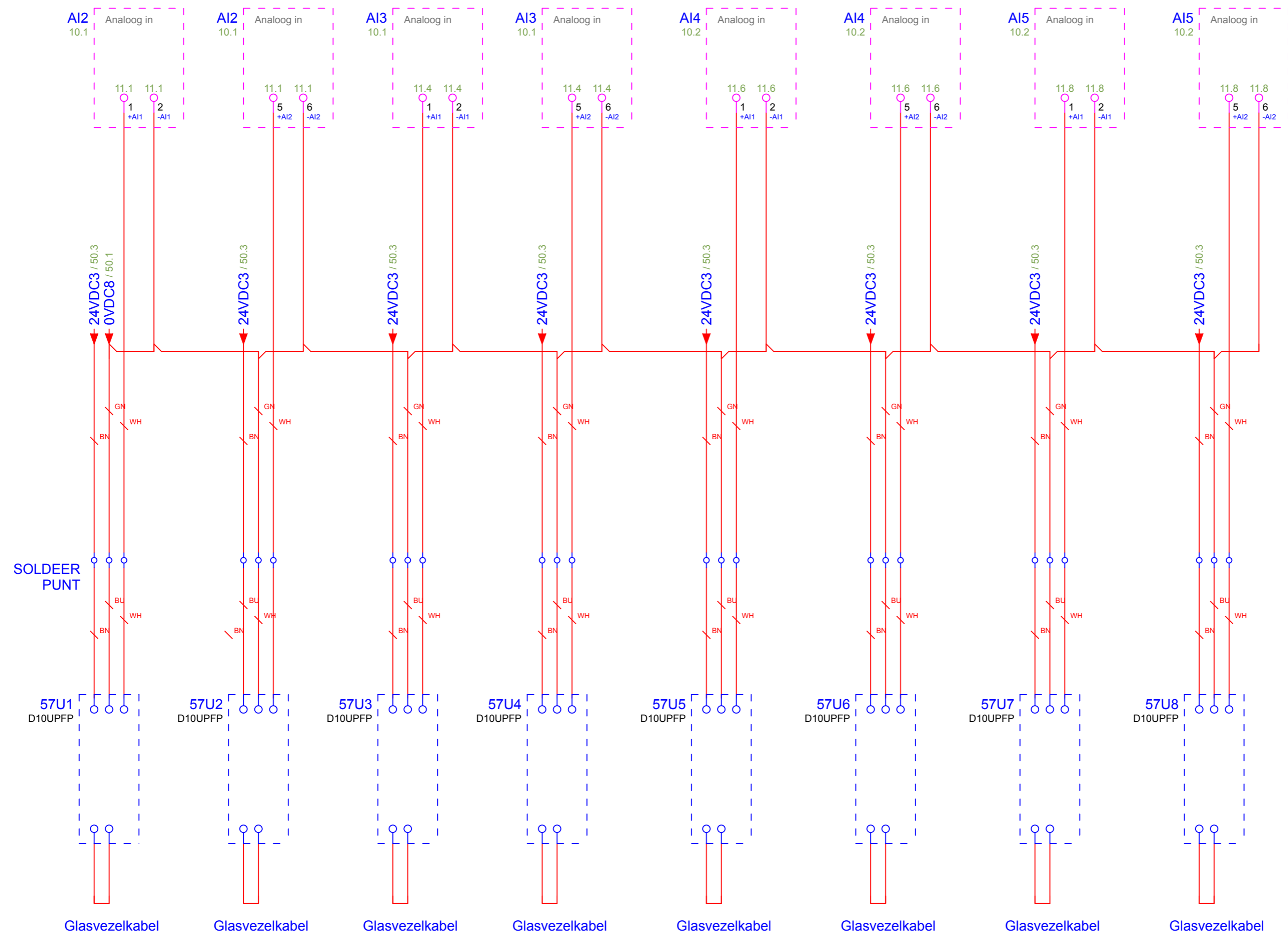


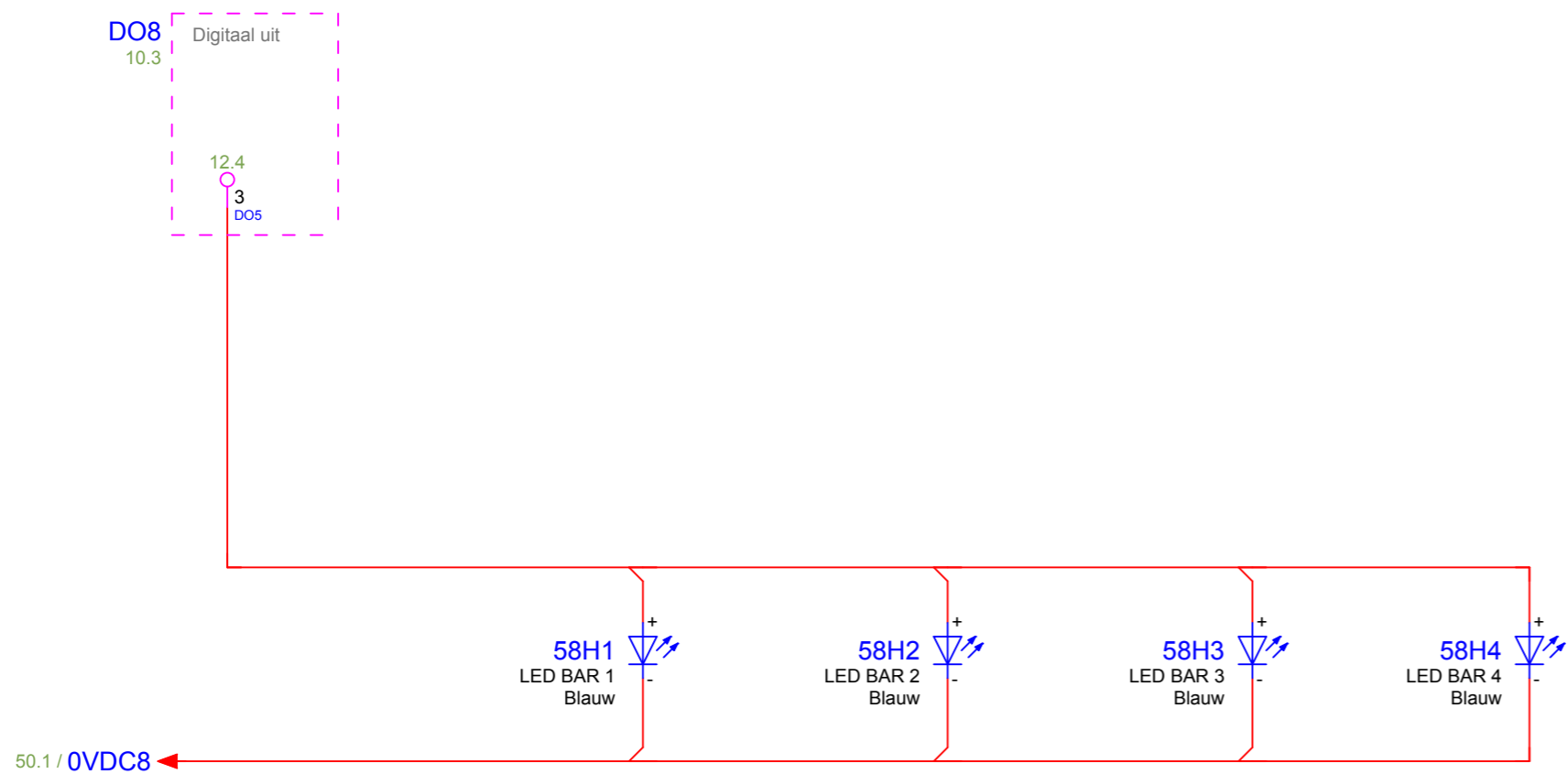
Aandrijfmotor 4

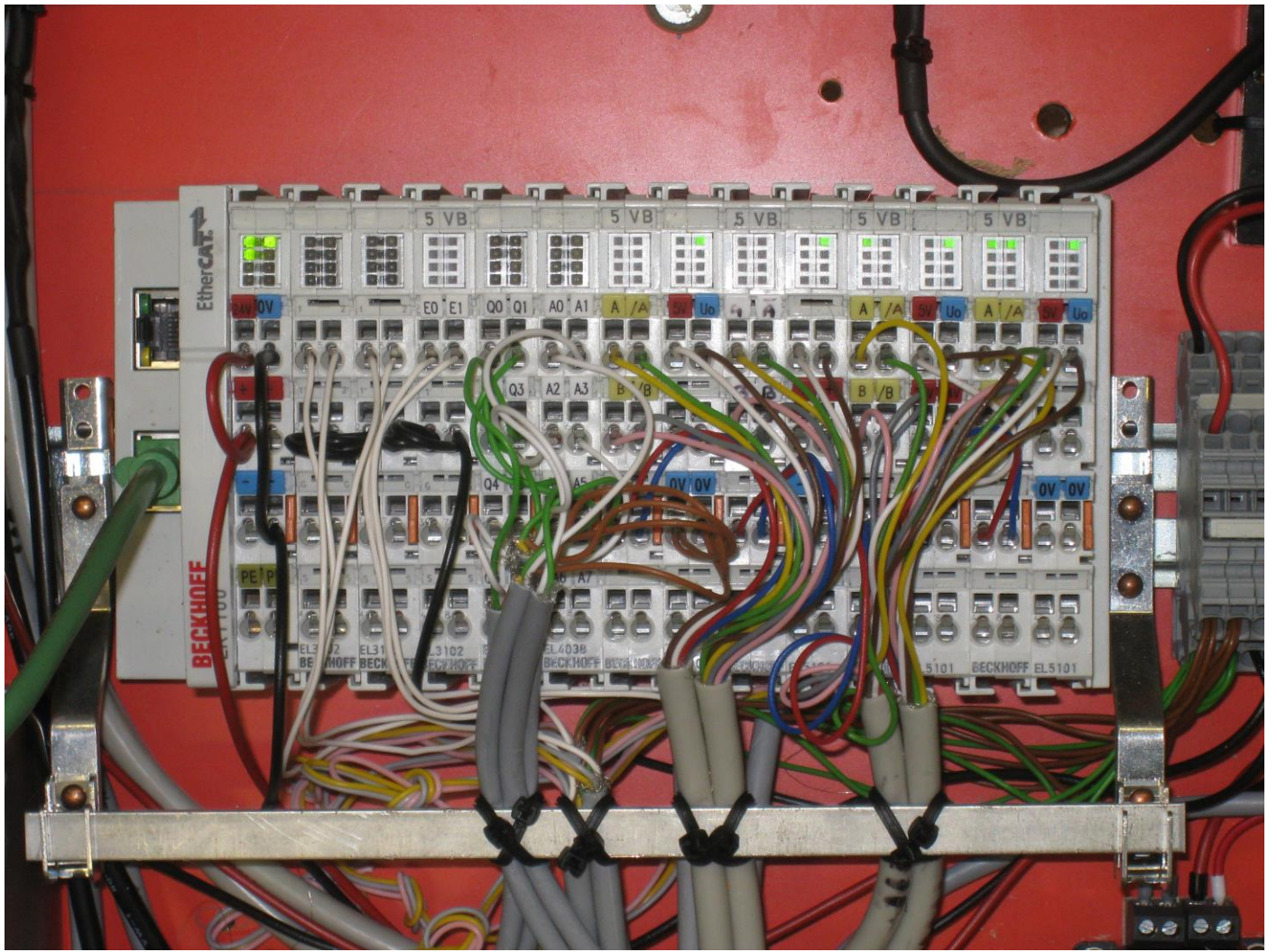


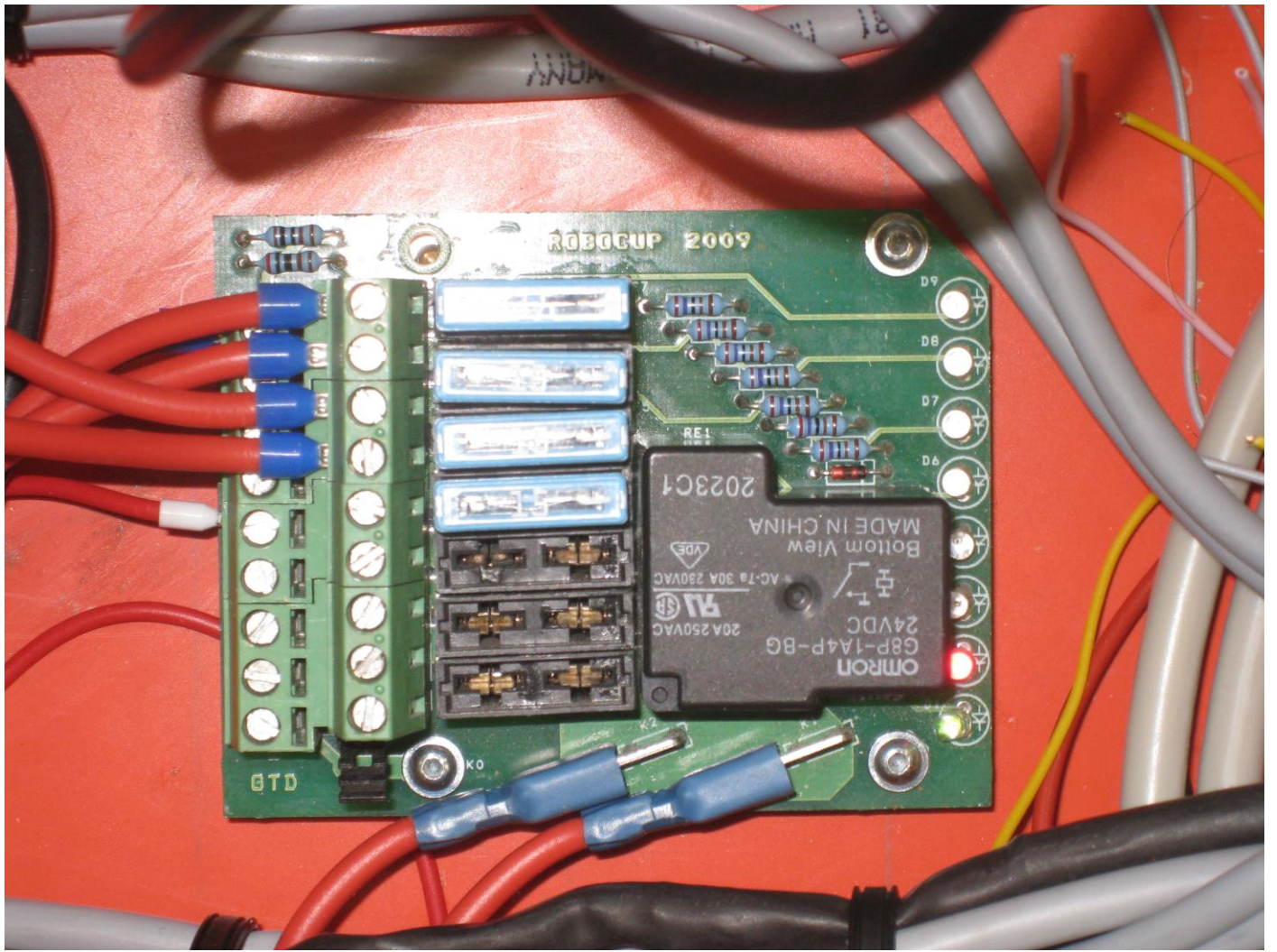
Encoder Aandrijfmotor

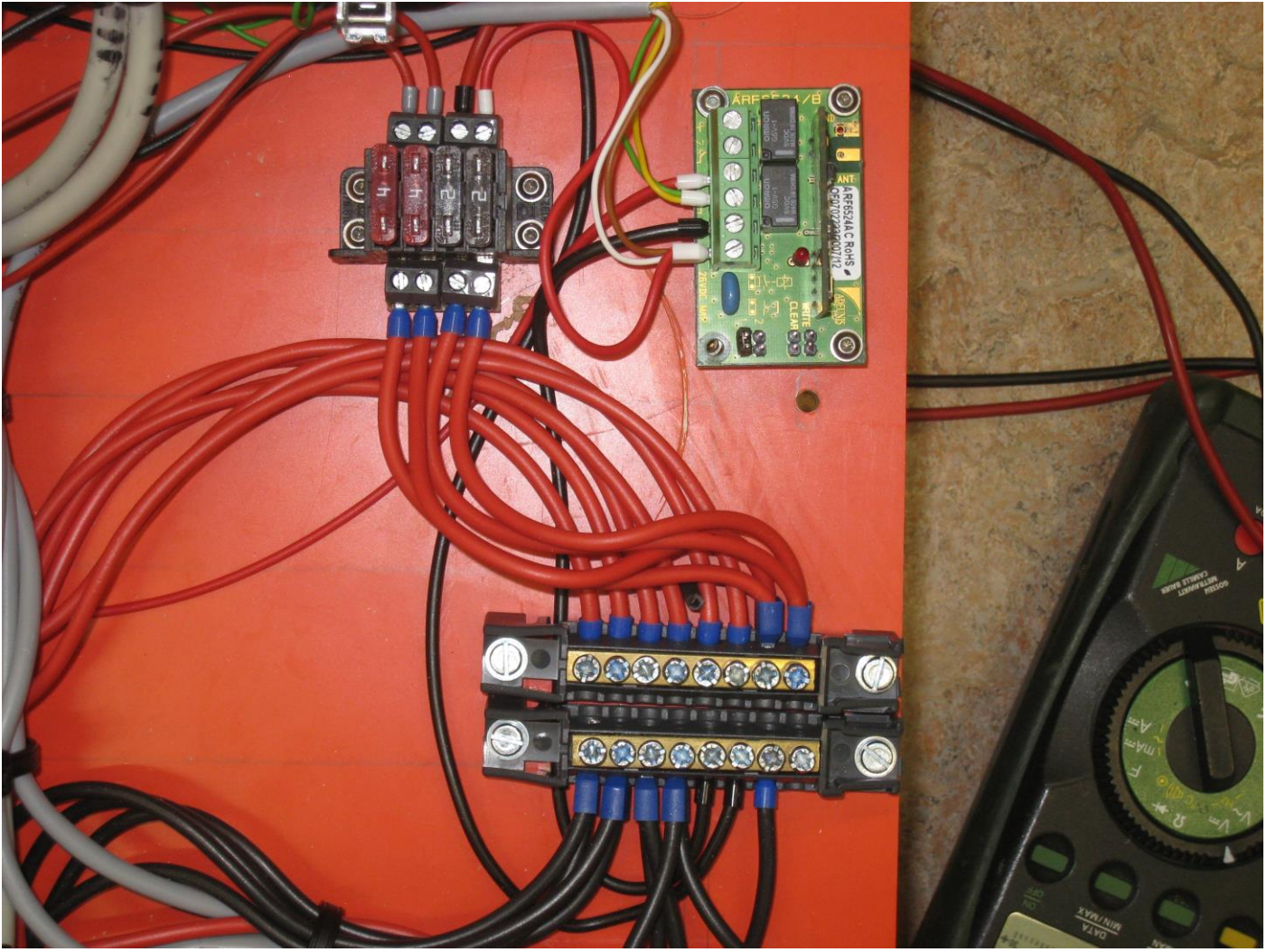


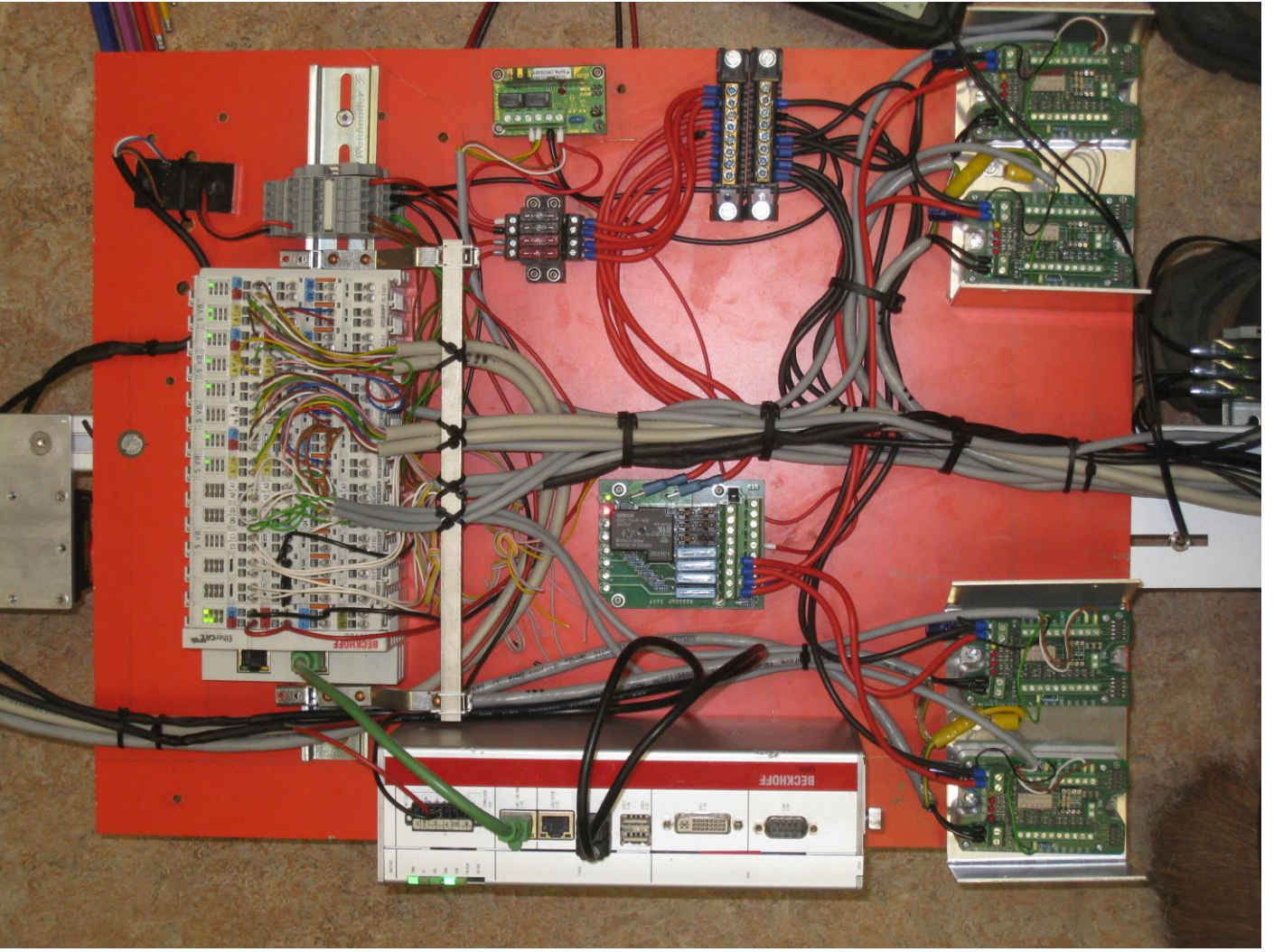


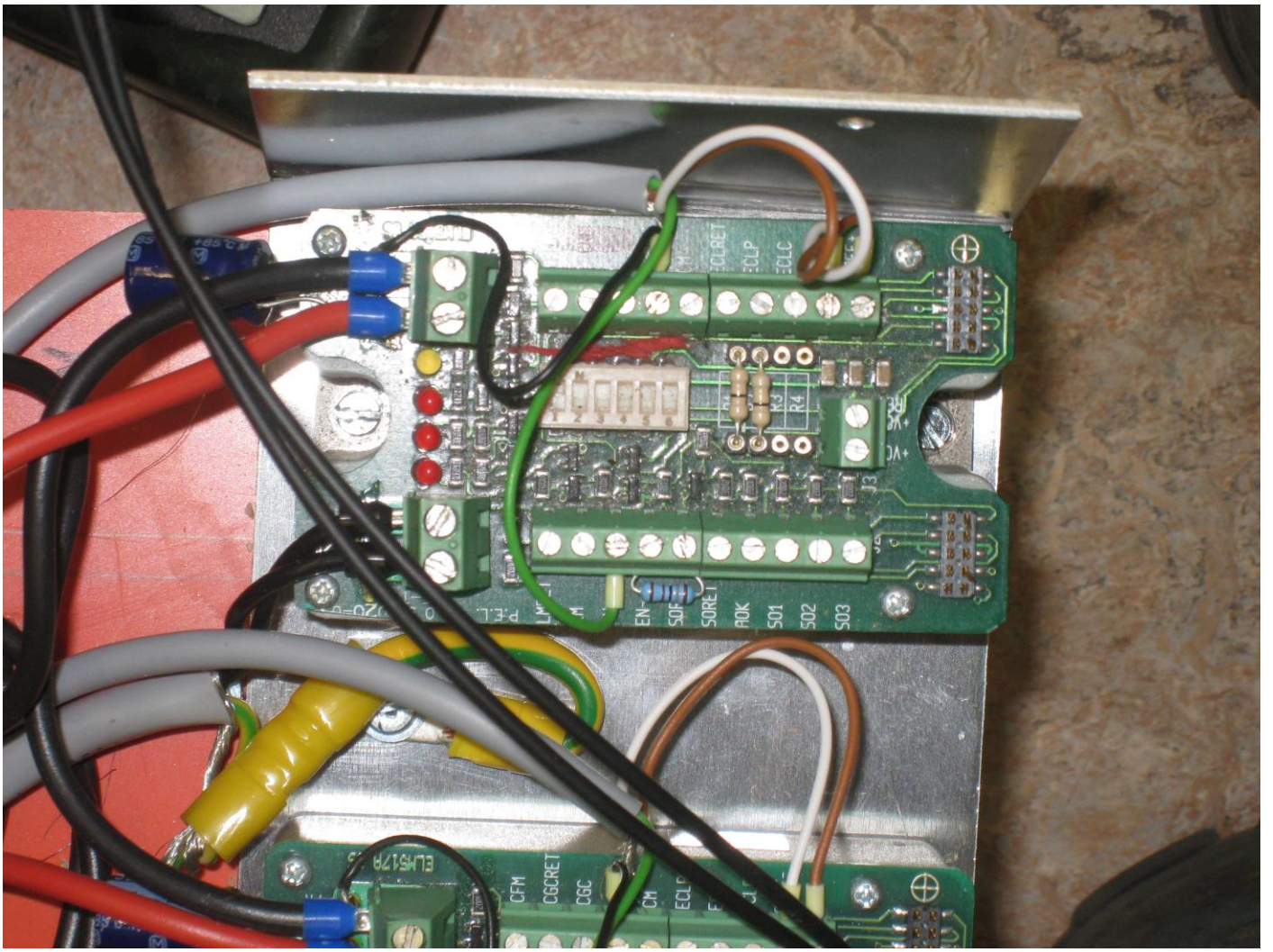


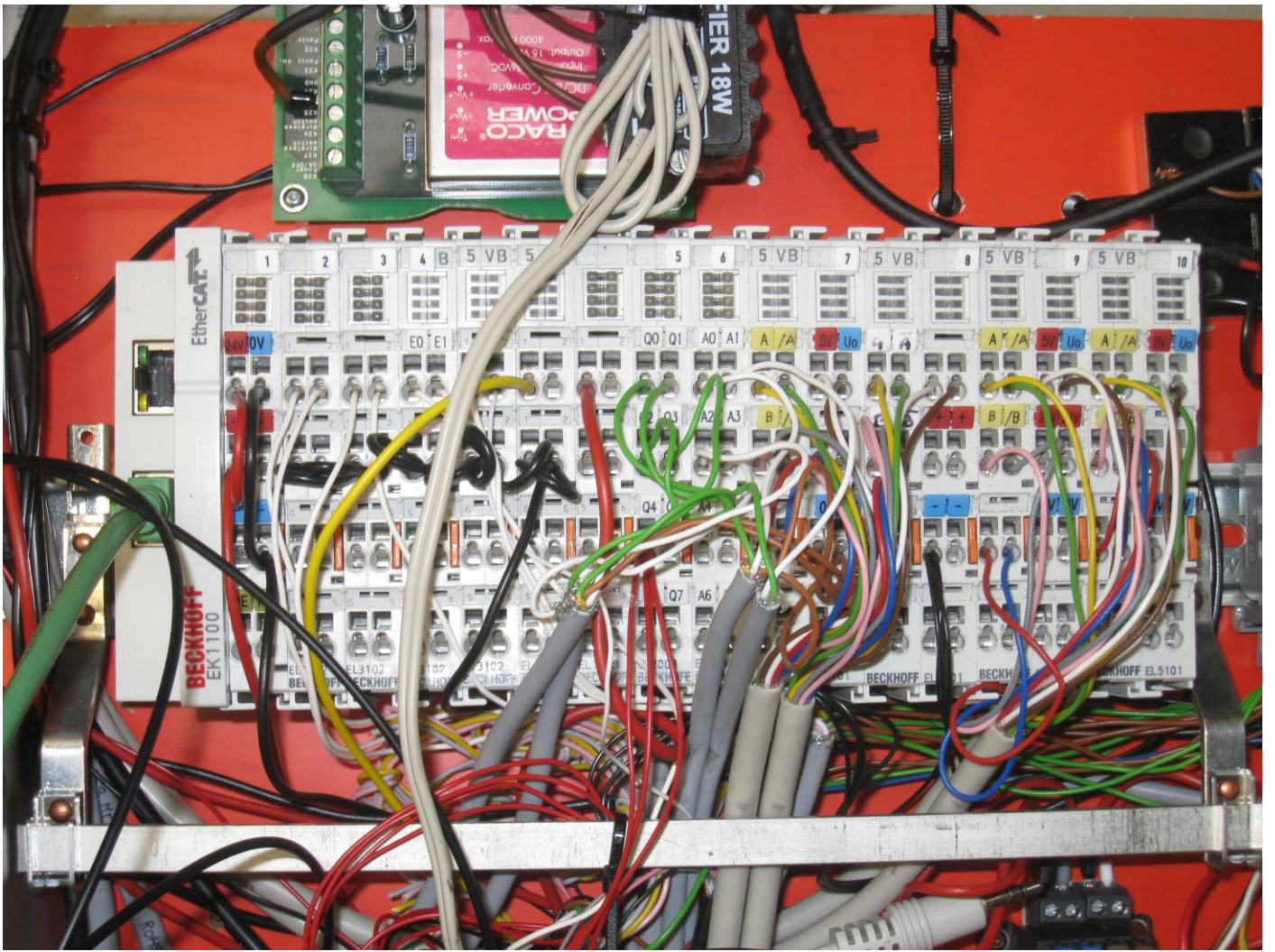


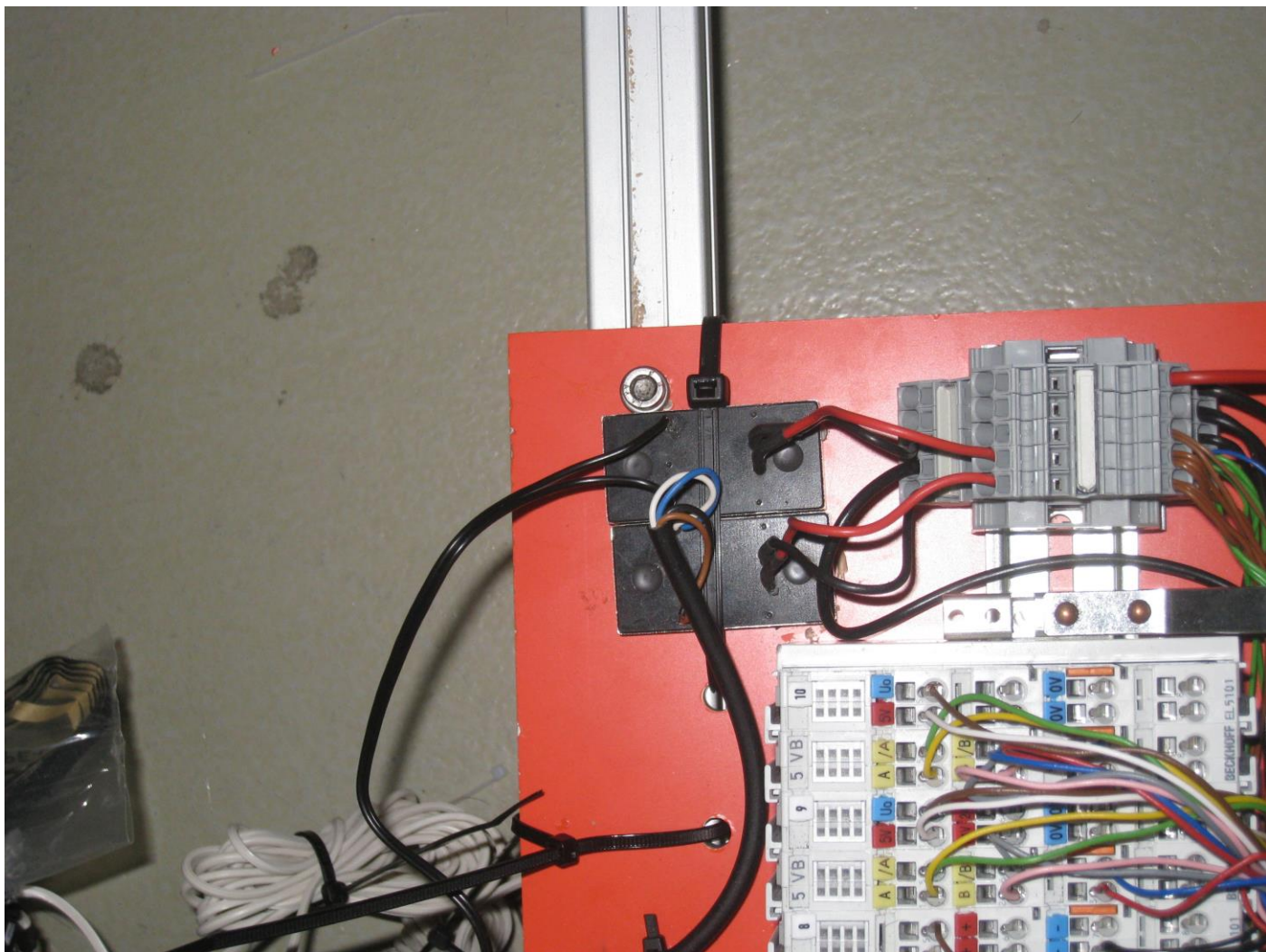


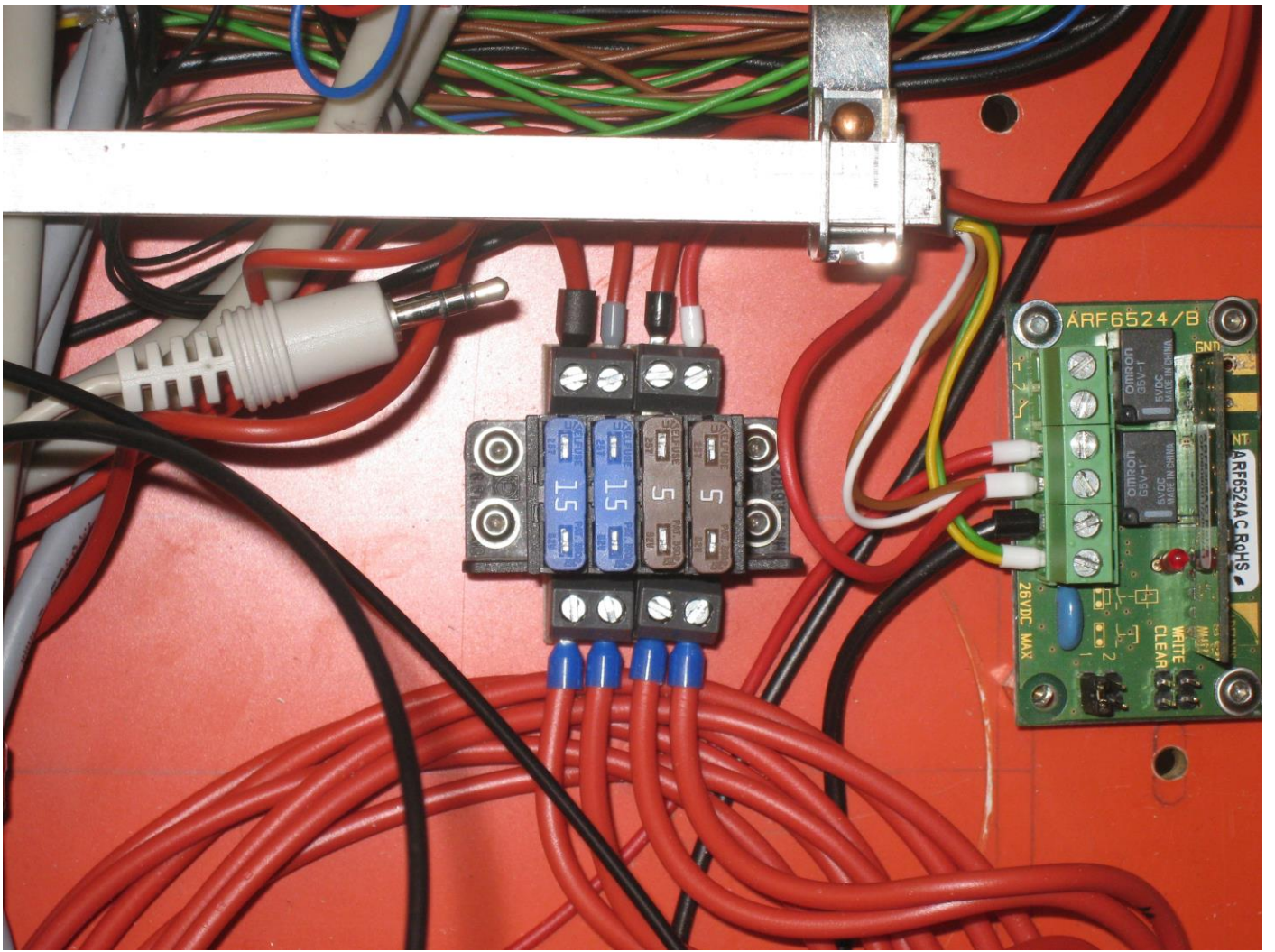


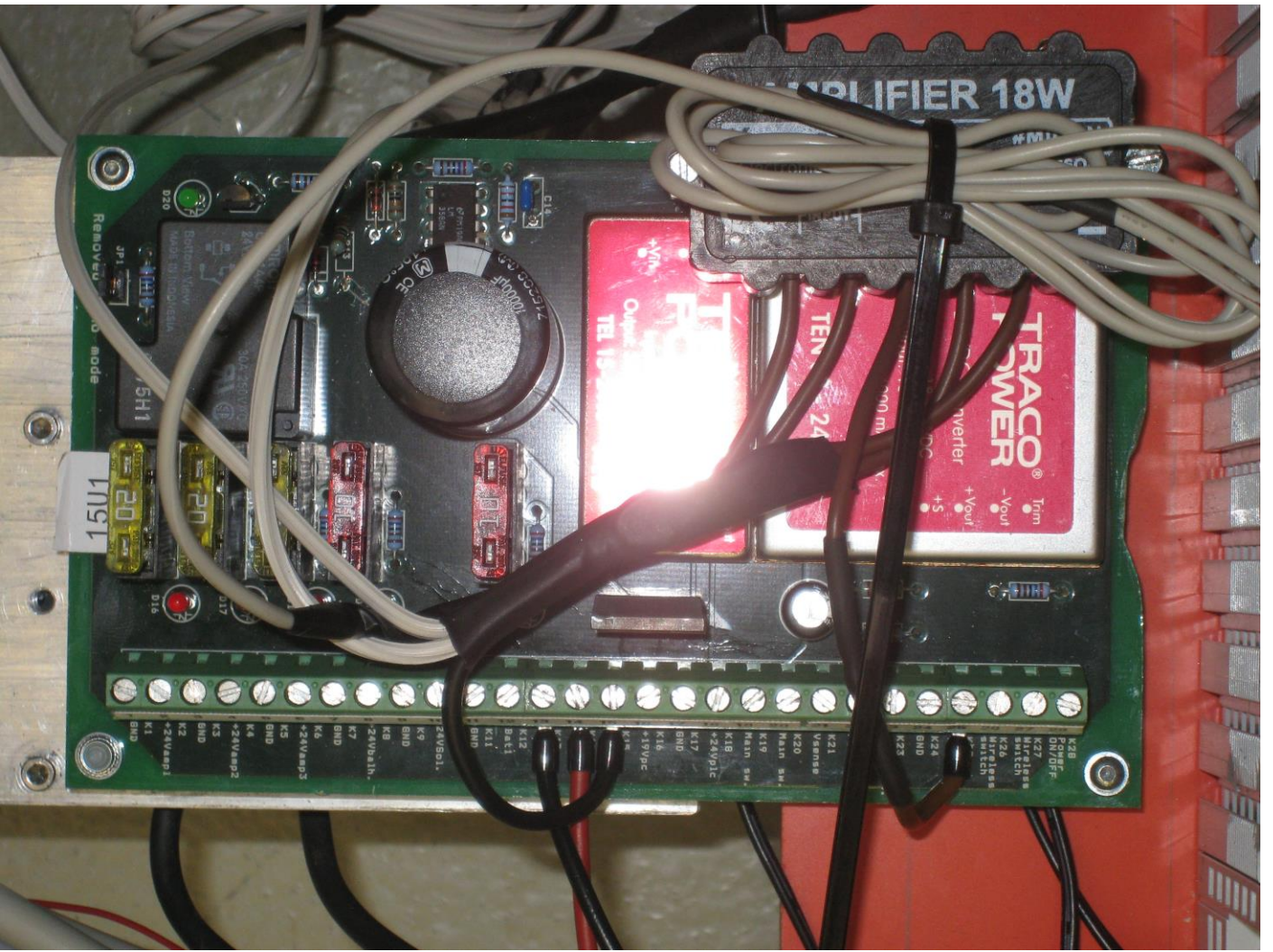


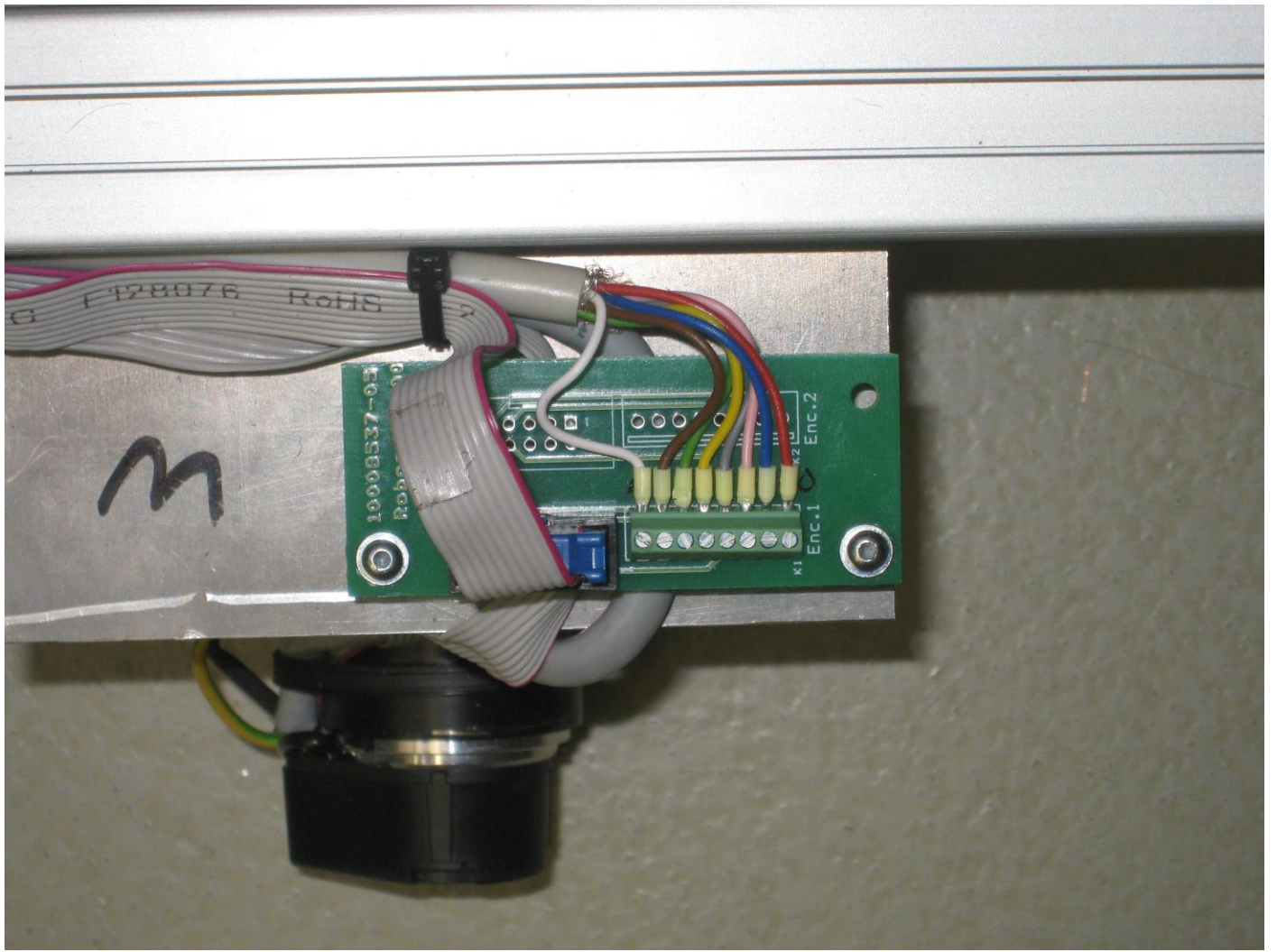


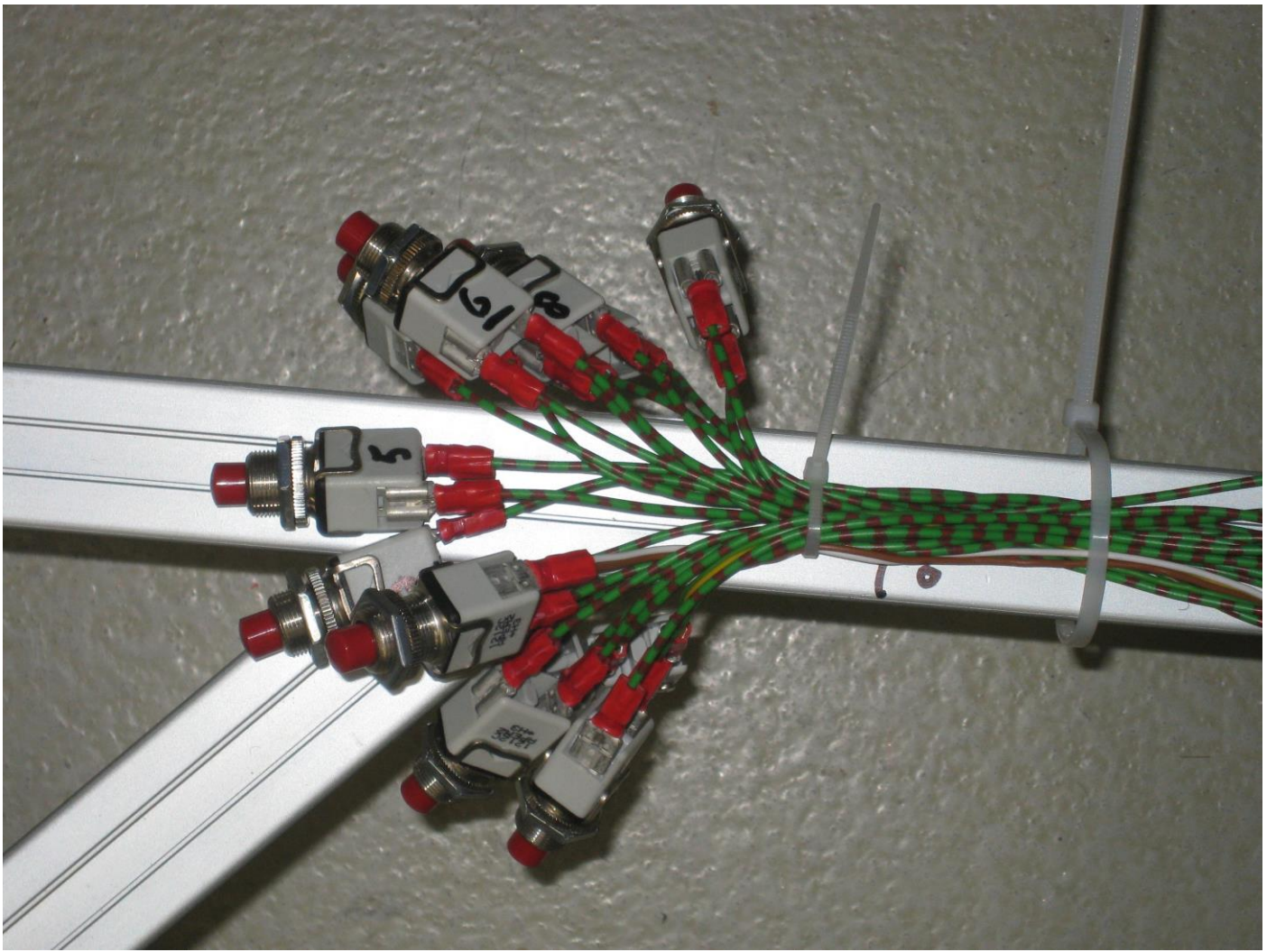


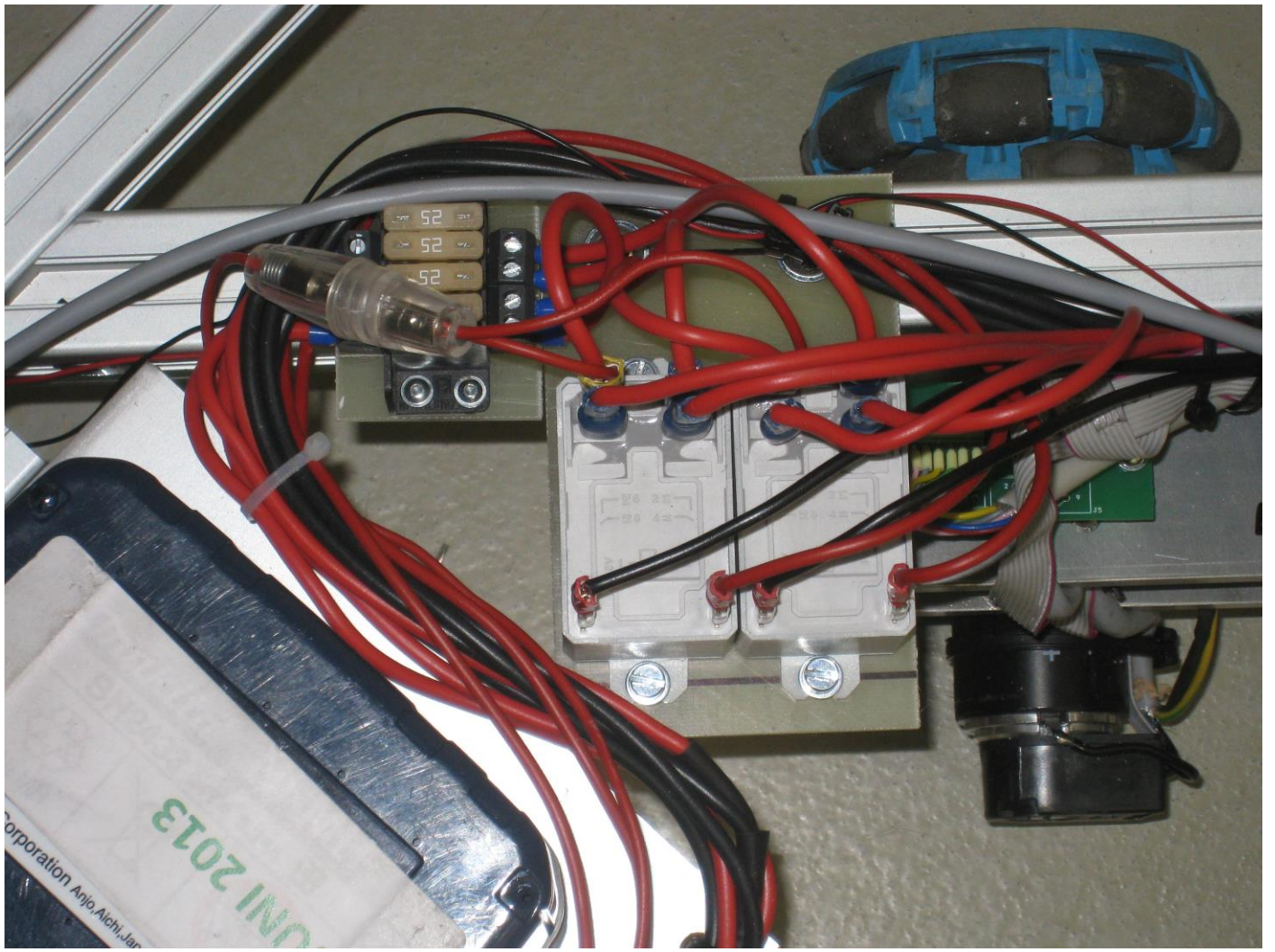


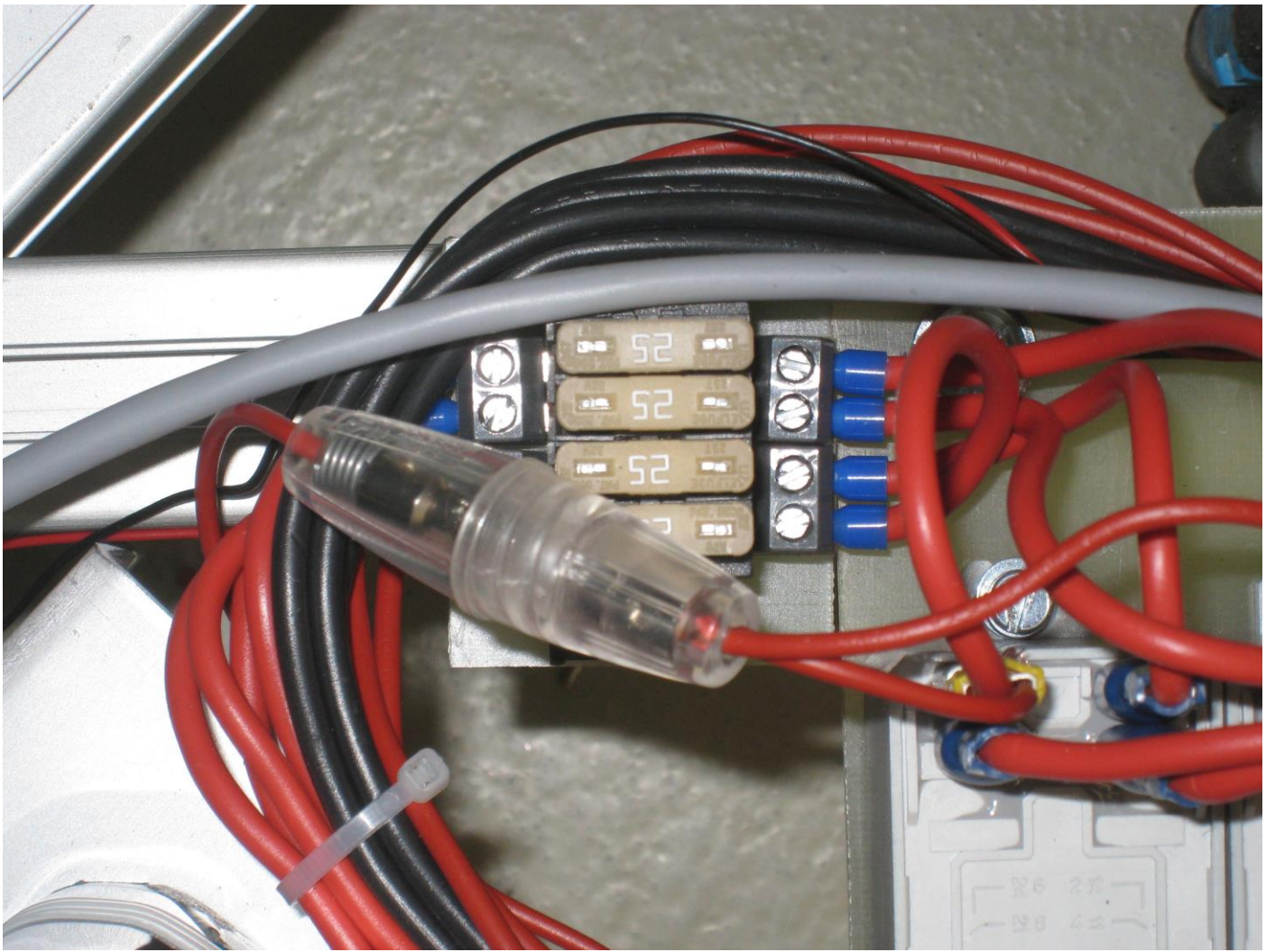


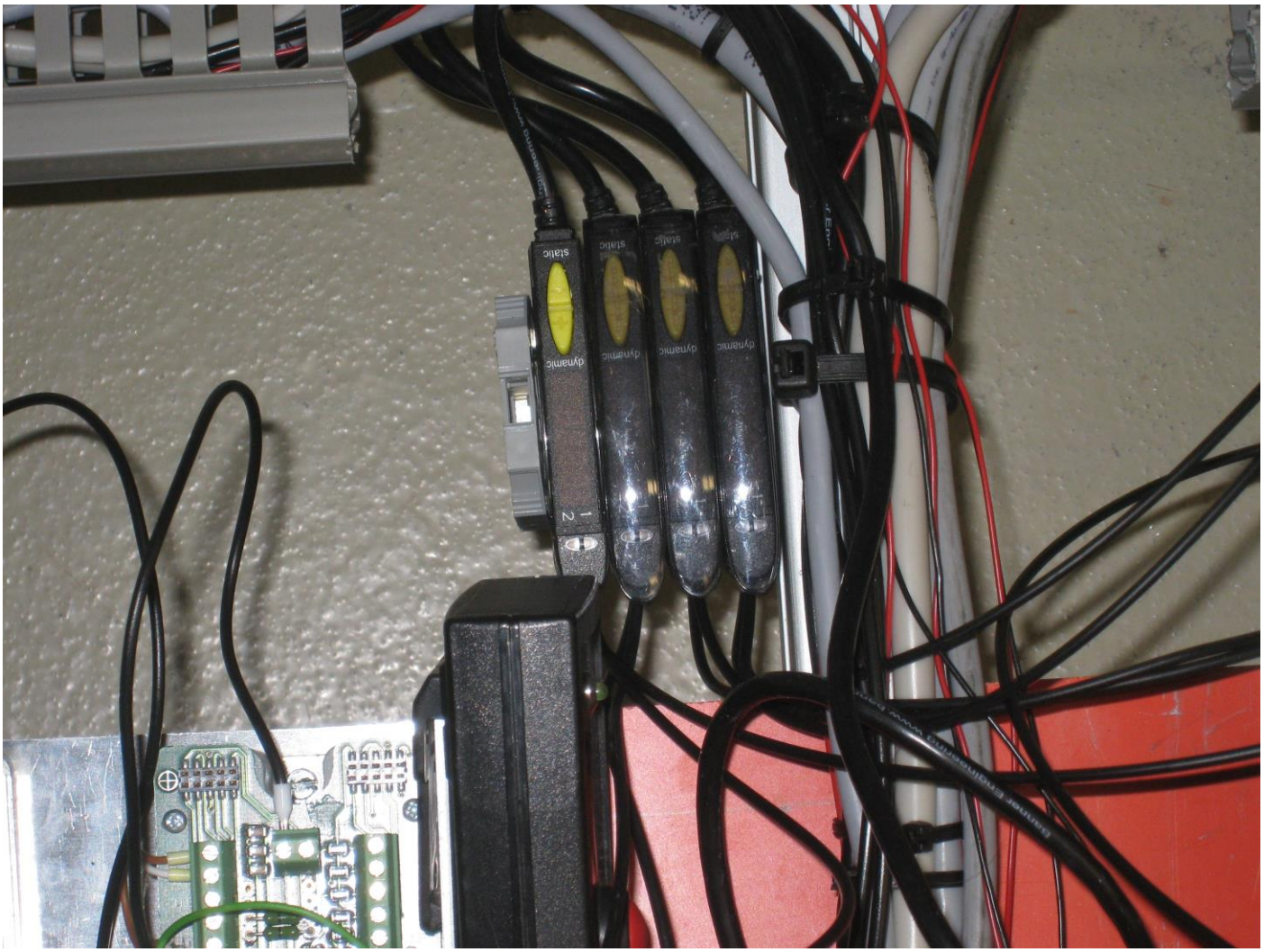












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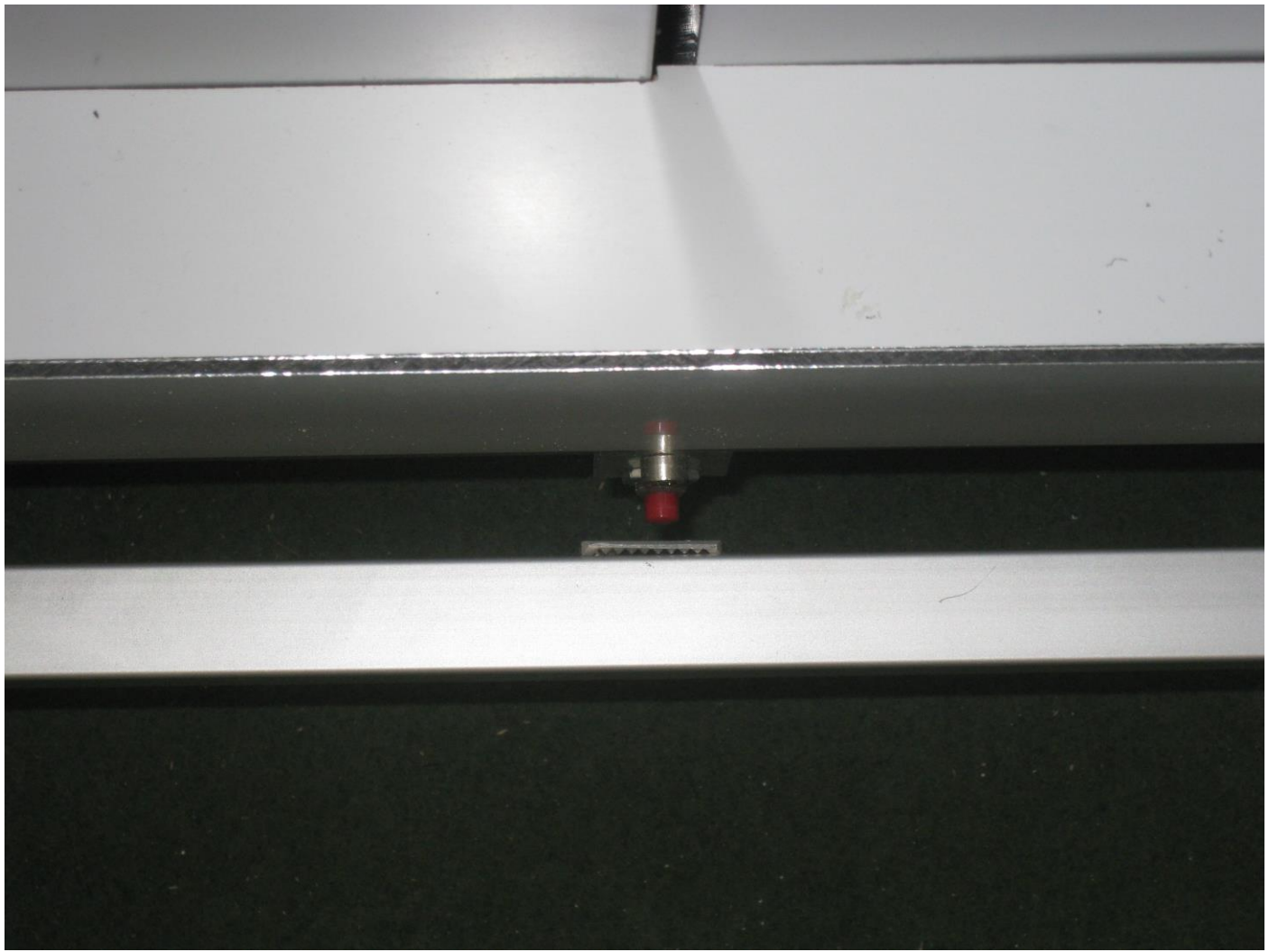
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LASER RANGE
FINDERS

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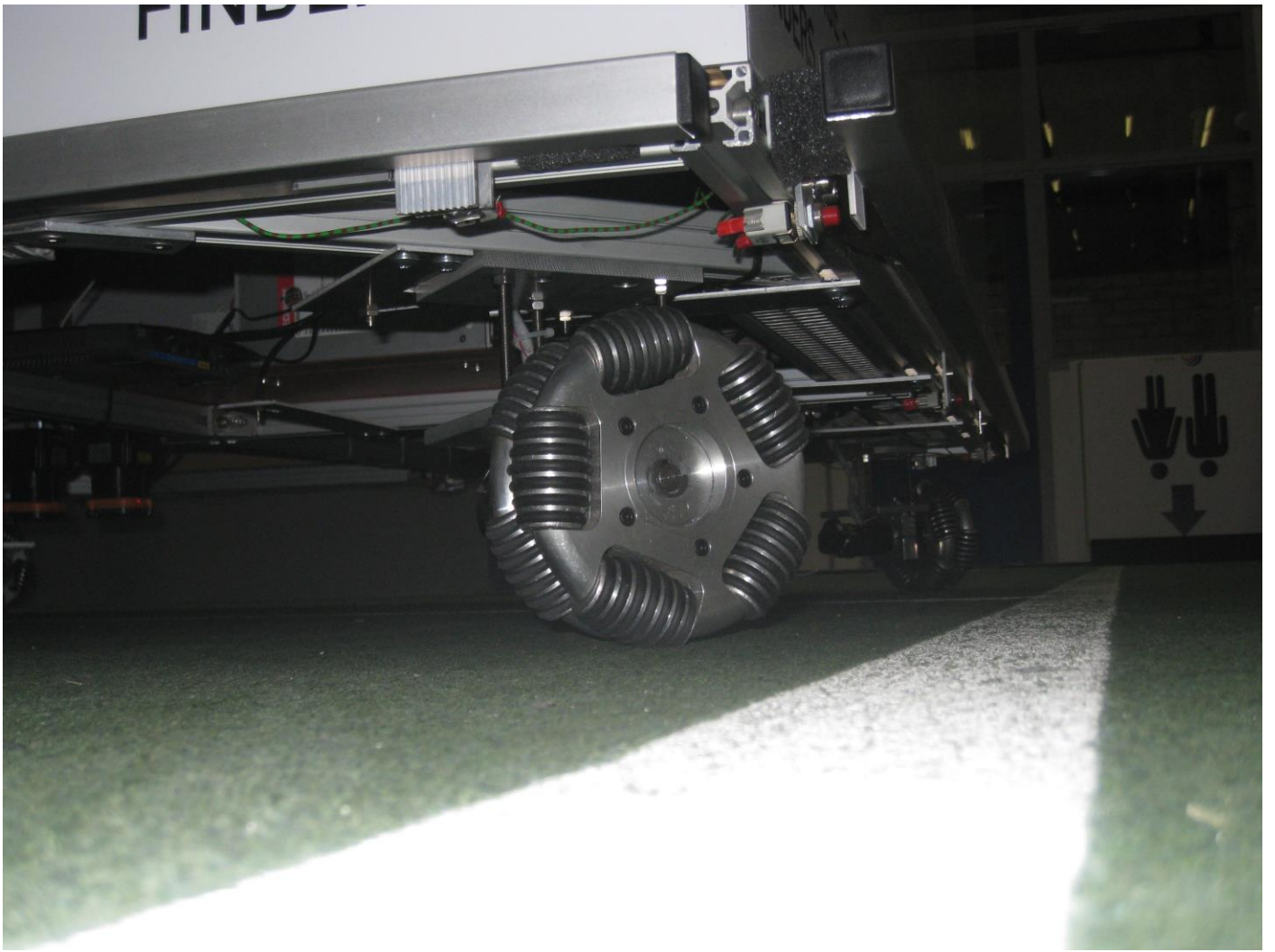
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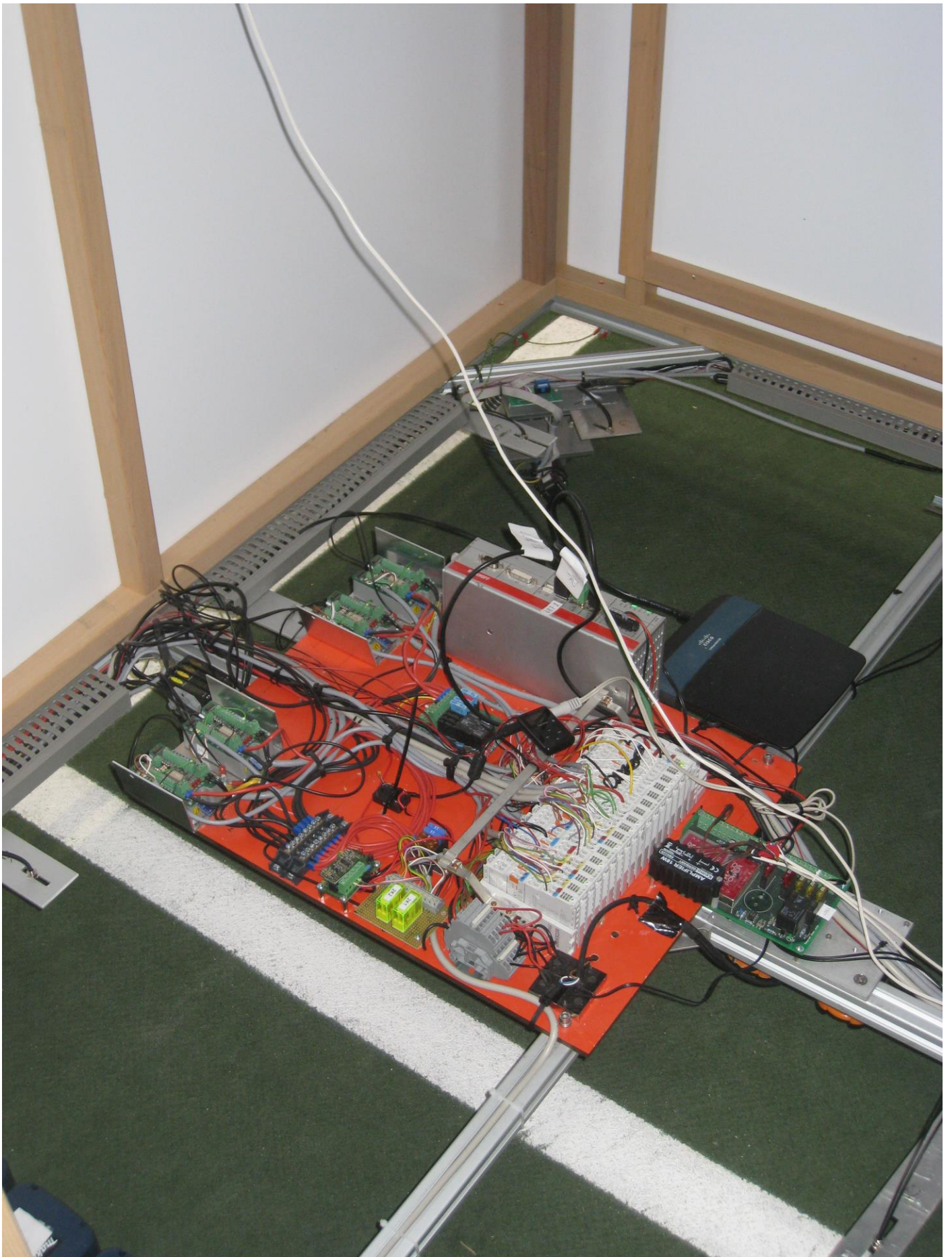
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