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Latest revision: ECO 131633 WI 499329 Page 9.b/2/3/5: Varistor "X11, X12 & X15" adjusted & JMP (3x) added. Page 15: K1 Safety relay changed.	
Prepared by, date: EM, 2024-02-08	Approved by, date: SH, 2024-02-15

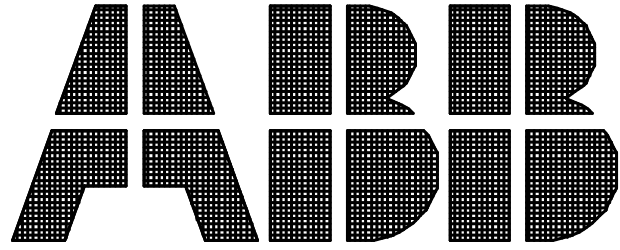


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SERVICE DIAGRAM POS IF K/R.D2009  
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Status: <b>APPROVED</b>	Plant: = Location: + Sublocation: +
Document no. <b>3HAC035754-003</b>	Rev. Ind <b>04</b>
	Page 1 Next 2 Total 18

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Description : SERVICE DIAGRAM POS IF K/R.D2009  
 Drawing number : 3HAC035754-003  
 Drawing version : 04  
 Date : 2024-02-08

Customer :  
 Year of construction :  
 :  
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Drawn by : RDE1  
 Number of pages : 18  
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 :  
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SERVICE DIAGRAM POS IF K/R.D2009  
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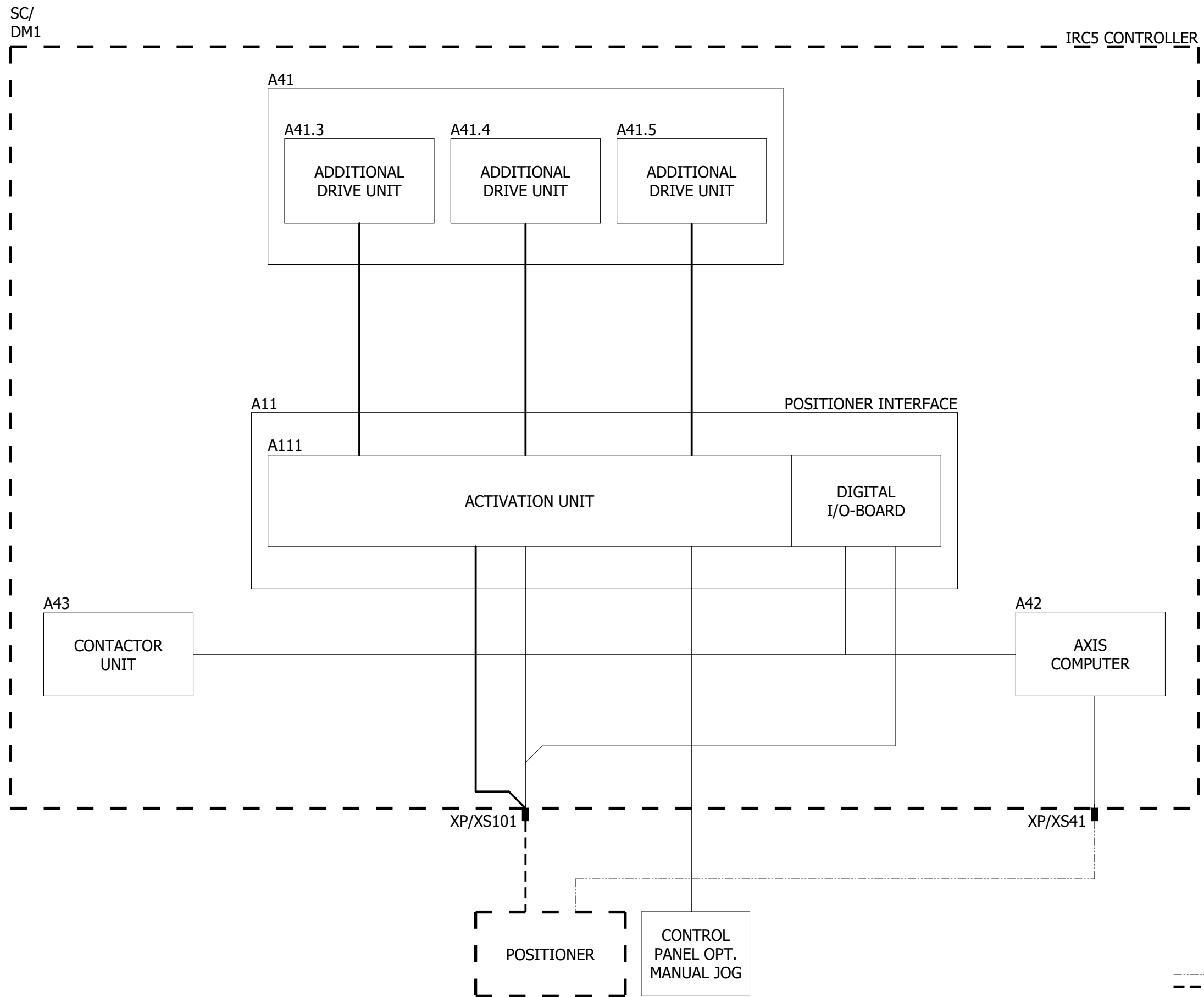
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----- CONNECTION NOT INCLUDED  
 - - - - - IN CIRCUIT DIAGRAM

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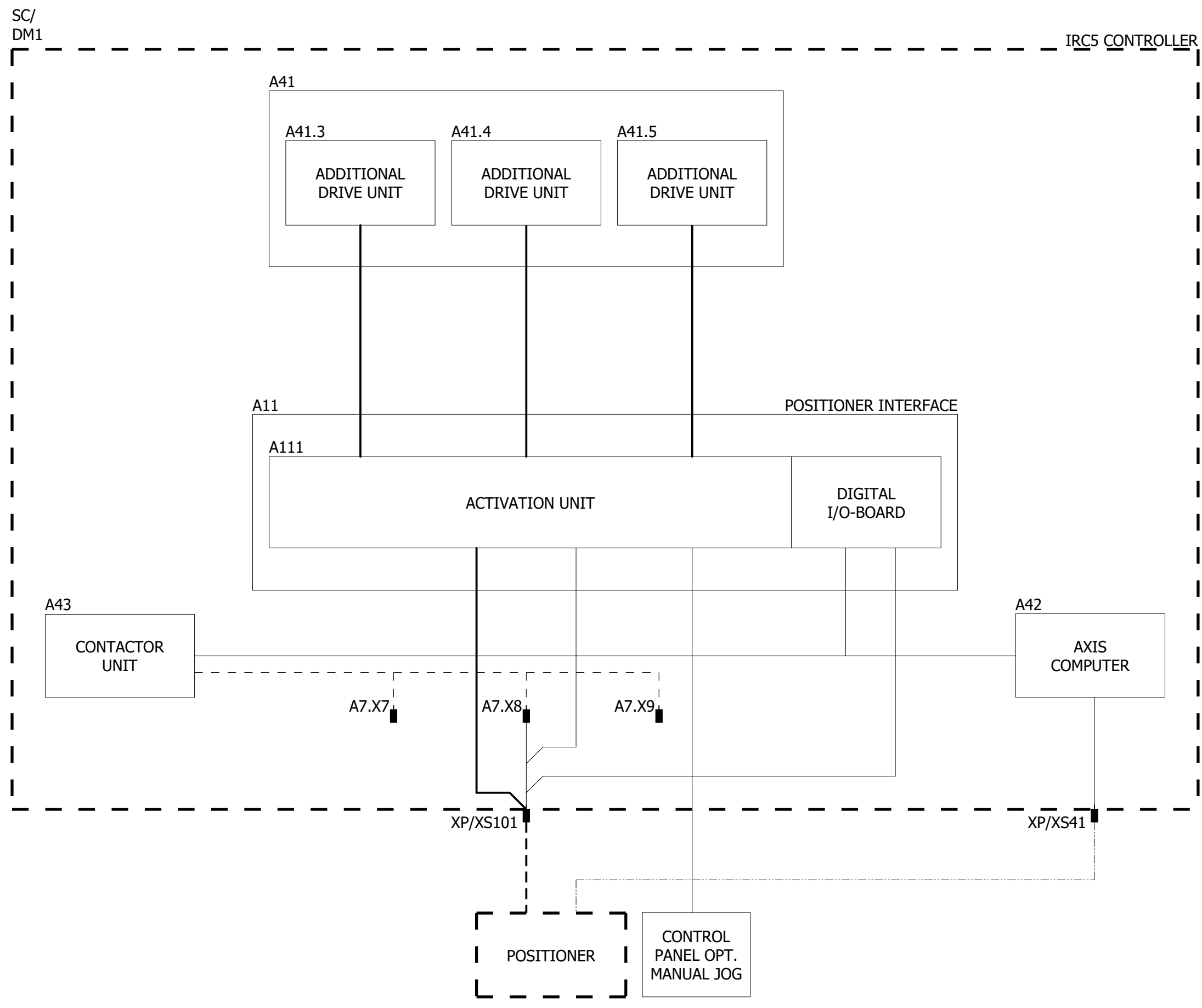
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**BLOCK DIAGRAM**  
**BEFORE RELEASE 14.1**

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**3HAC035754-003**

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----- CONNECTION  
 - - - - - NOT INCLUDED IN  
 - - - - - CIRCUIT DIAGRAM

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 Page 9.b/2/3/5: Varistor "X11, X12 & X15" adjusted & JMP (3x) added.  
 Page 15: K1 Safety relay changed.  
 Prepared by, date: EM, 2024-02-08 | Approved by, date: SH, 2024-02-15

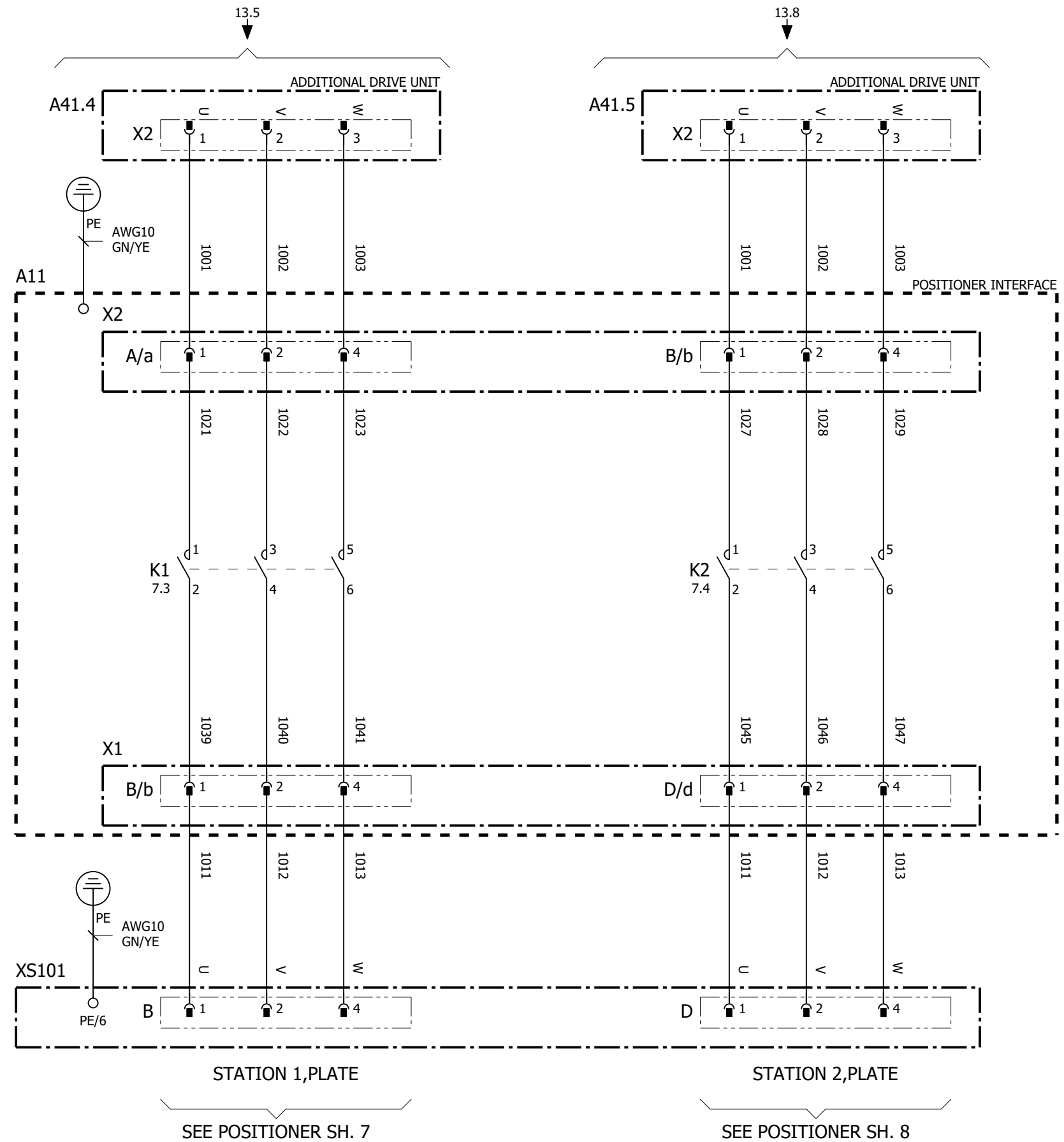


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 BLOCK DIAGRAM  
 RELEASE 14.1

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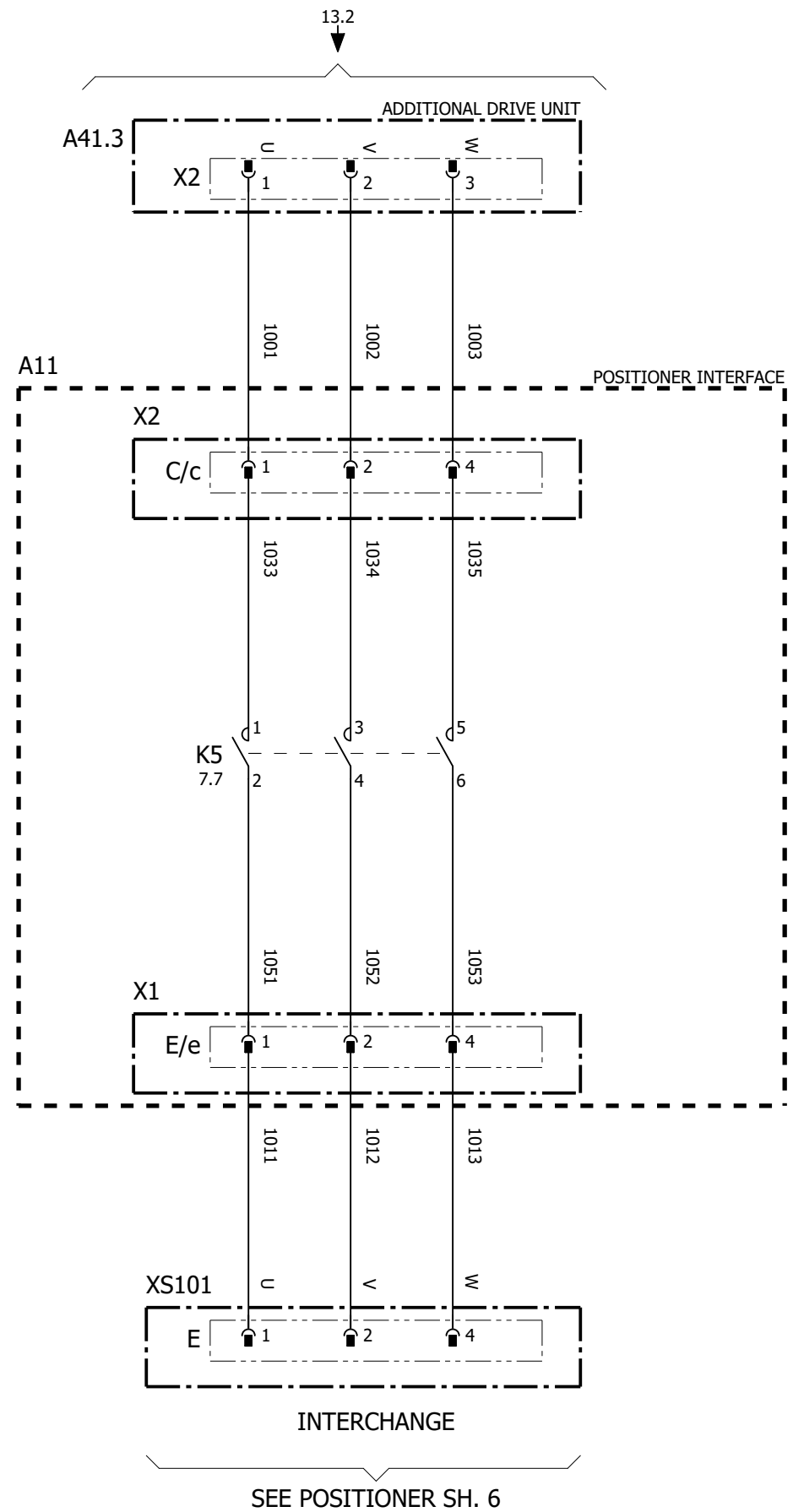
CONNECTED WITH AWG12 BK,  
IF NO OTHER NOTATION

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 Page 9.b/2/3/5: Varistor "X11, X12 & X15" adjusted & JMP (3x) added.  
 Page 15: K1 Safety relay changed.  
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**SERVICE DIAGRAM POS IF K/R.D2009  
 MOTORS STN 1 AND STN 2**

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SERVICE DIAGRAM POS IF K/R.D2009  
MOTOR INTERCHANGE

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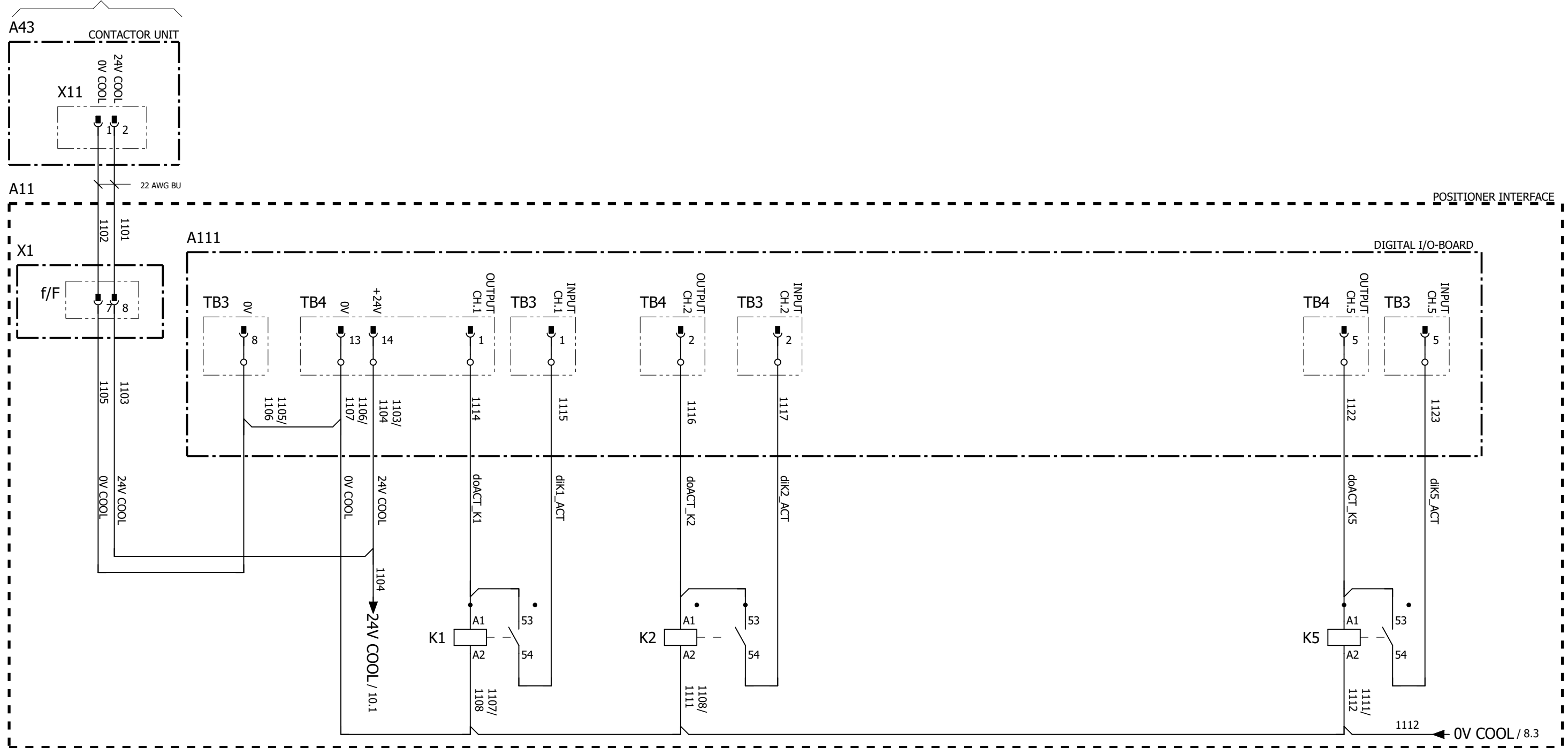
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SEE EL.DWGS FOR THE IRC5 CONTROLLER



STATION 1

- 1 ↔ 2 5.3
- 3 ↔ 4 5.3
- 5 ↔ 6 5.4
- 13 ↔ 14 9.a.2
- 13 ↔ 14 9.b.2
- 53 - 54 7.3
- 62 ↗ 61 10.5
- 72 ↗ 71 10.5

STATION 2

- 1 ↔ 2 5.5
- 3 ↔ 4 5.6
- 5 ↔ 6 5.6
- 13 ↔ 14 9.a.3
- 13 ↔ 14 9.b.3
- 53 - 54 7.4
- 62 ↗ 61 10.5
- 72 ↗ 71 10.6

INTERCHANGE

- 1 ↔ 2 6.4
- 3 ↔ 4 6.4
- 5 ↔ 6 6.5
- 13 ↔ 14 9.a.5
- 13 ↔ 14 9.b.5
- 53 - 54 7.7
- 62 ↗ 61 10.6
- 62 ↗ 61 10.7
- 72 ↗ 71 10.6
- 72 ↗ 71 10.8

CONNECTED WITH AWG18 BU, IF NO OTHER NOTATION

Latest revision:  
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SERVICE DIAGRAM POS IF K/R.D2009  
MOTORS CONTACTORS

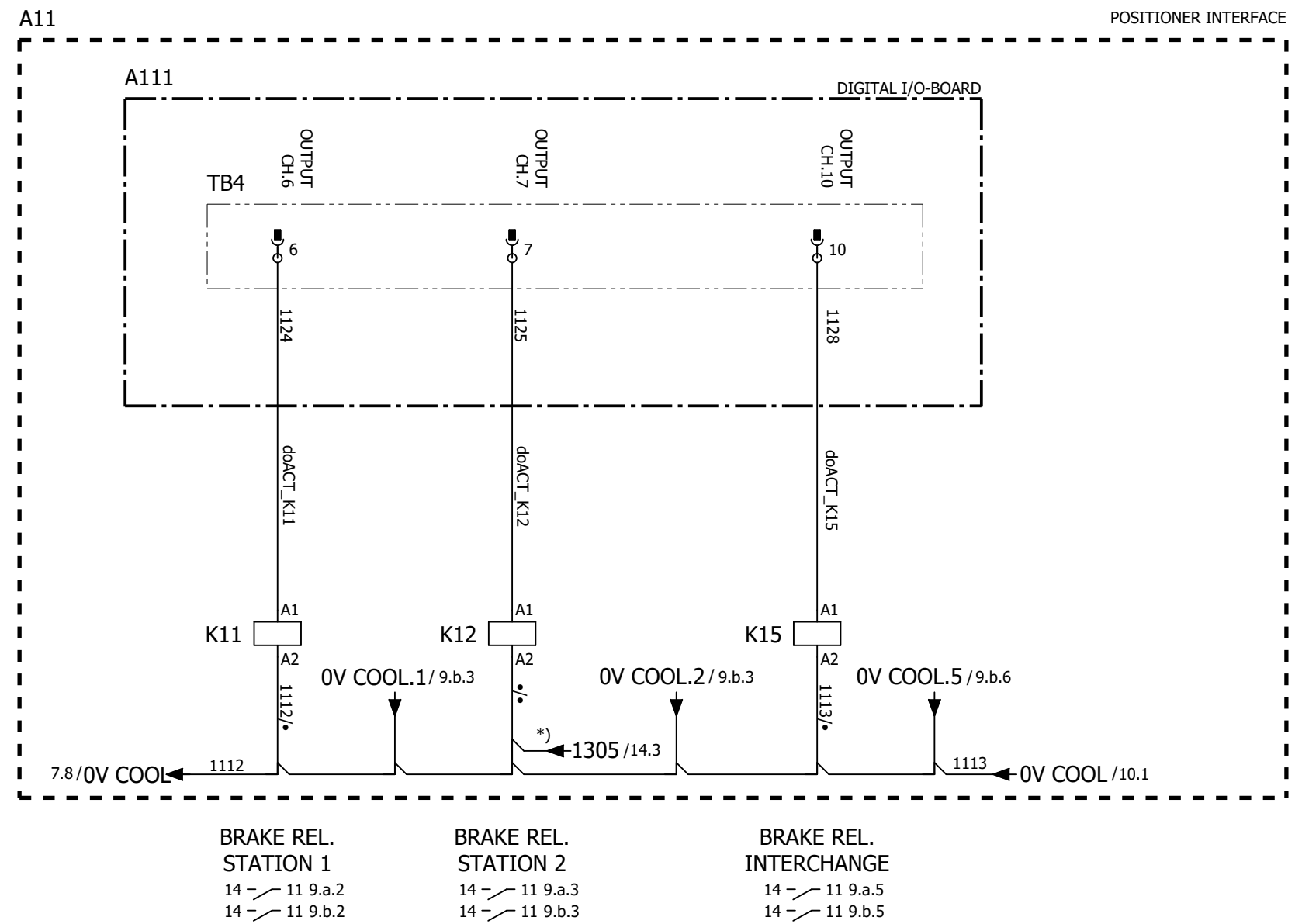
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IF NO OTHER NOTATION

\*) WIRE 1305 ONLY CONNECTED  
WHEN OPTION MANUAL JOG

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**SERVICE DIAGRAM POS IF K/R.D2009  
BRAKE RELEASE**

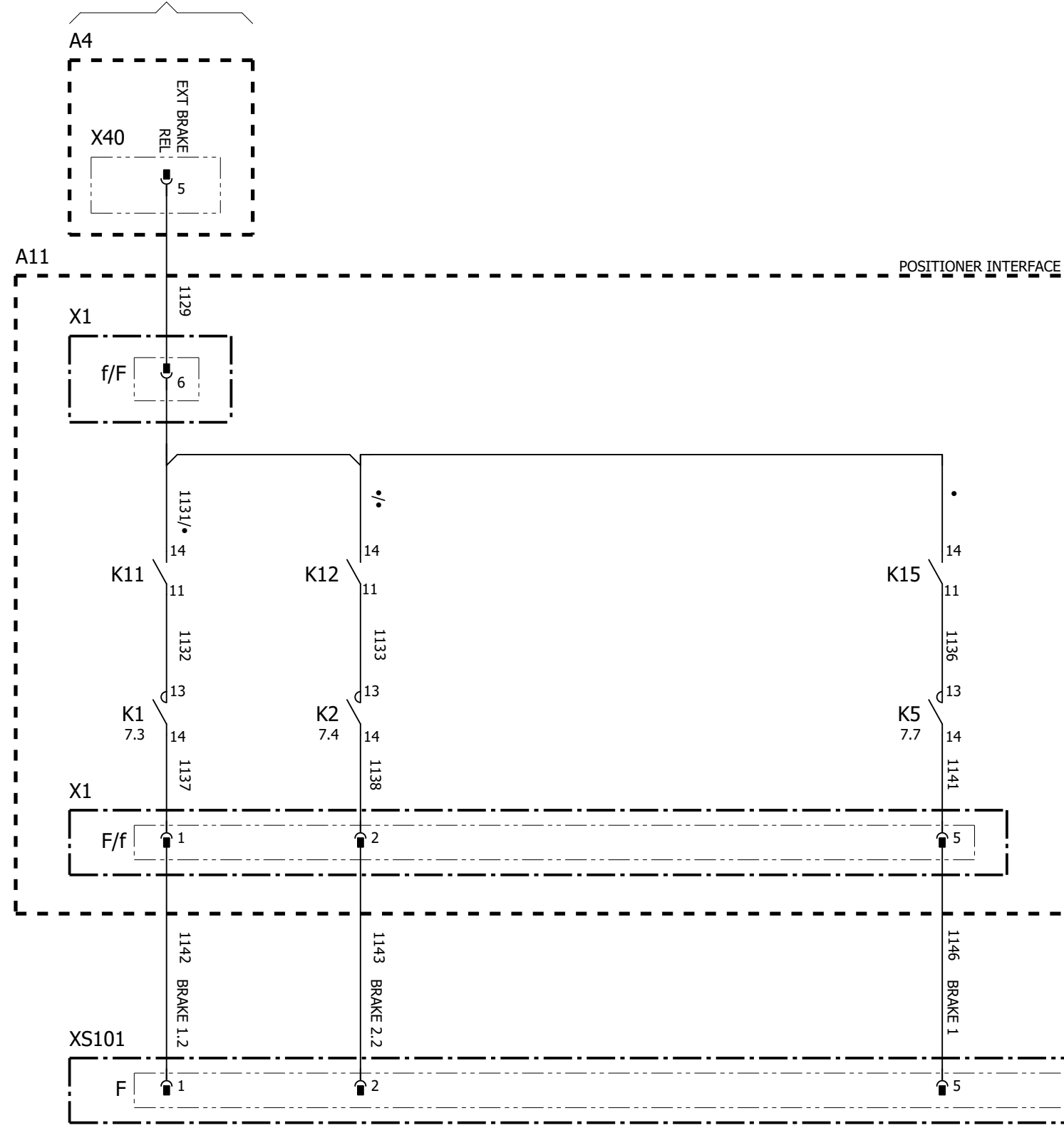
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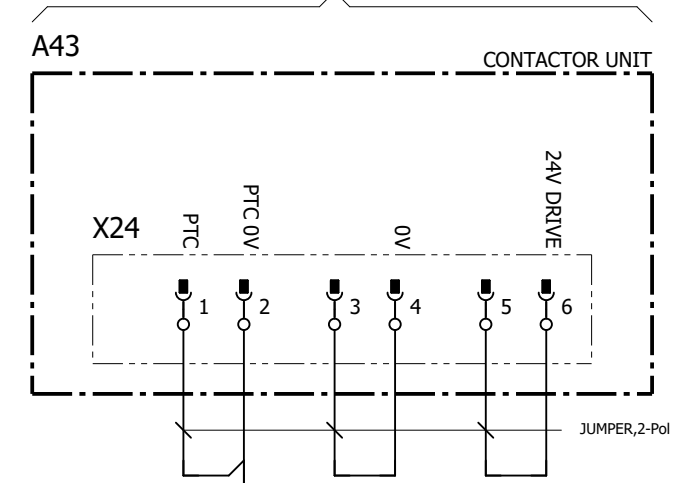
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SEE EL.DWGS FOR THE IRC5 CONTROLLER



SEE EL.DWGS FOR THE IRC5 CONTROLLER



STATION 1,PLATE    STATION 2,PLATE  
 SEE POSITIONER SH. 7    SEE POSITIONER SH. 8

INTERCHANGE    SEE POSITIONER SH. 6  
 SEE POSITIONER SH. 7

CONNECTED WITH AWG18 BU, IF NO OTHER NOTATION

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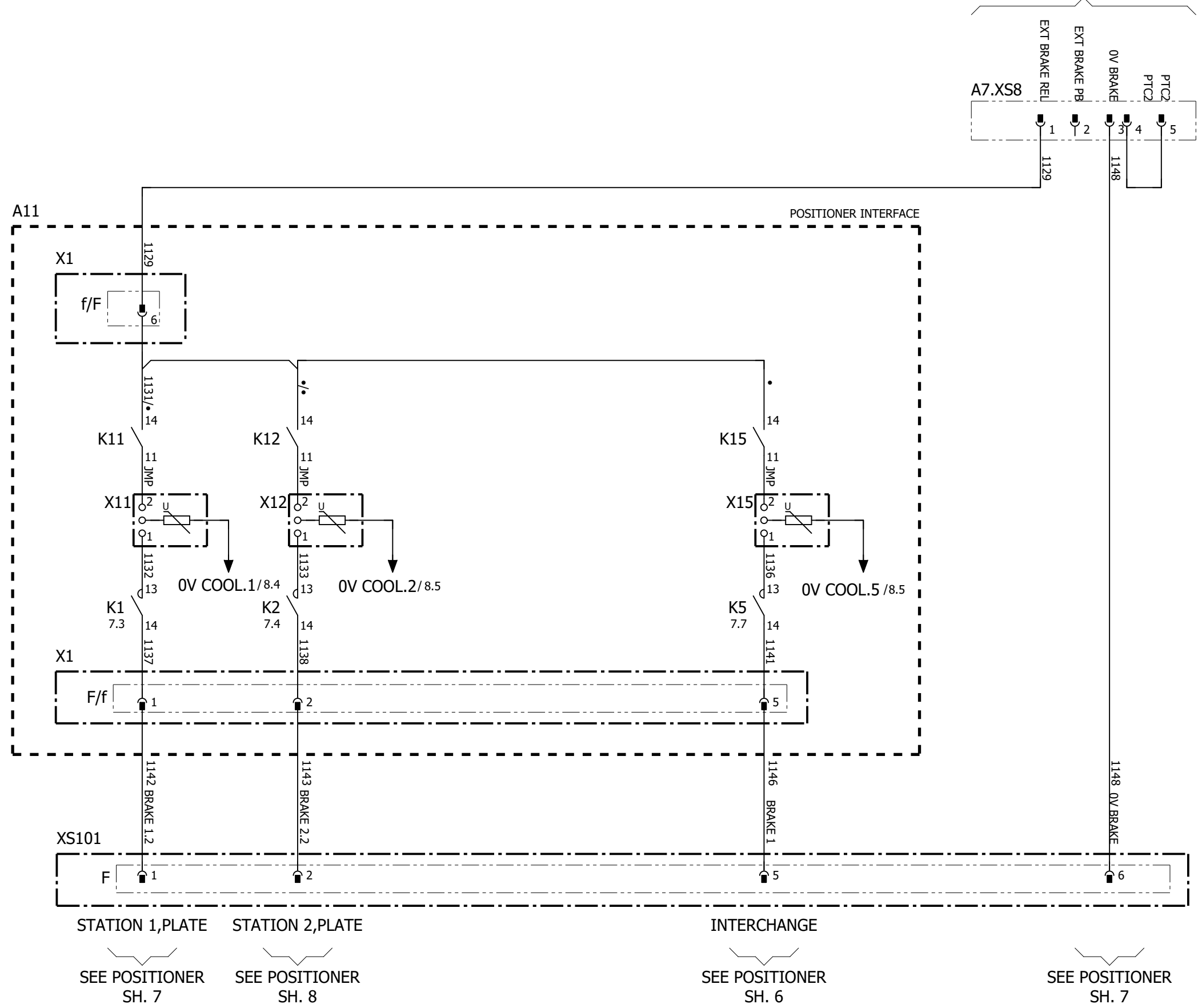


SERVICE DIAGRAM POS IF K/R.D2009  
 MOTOR SIGNALS  
 BEFORE RELEASE 14.1

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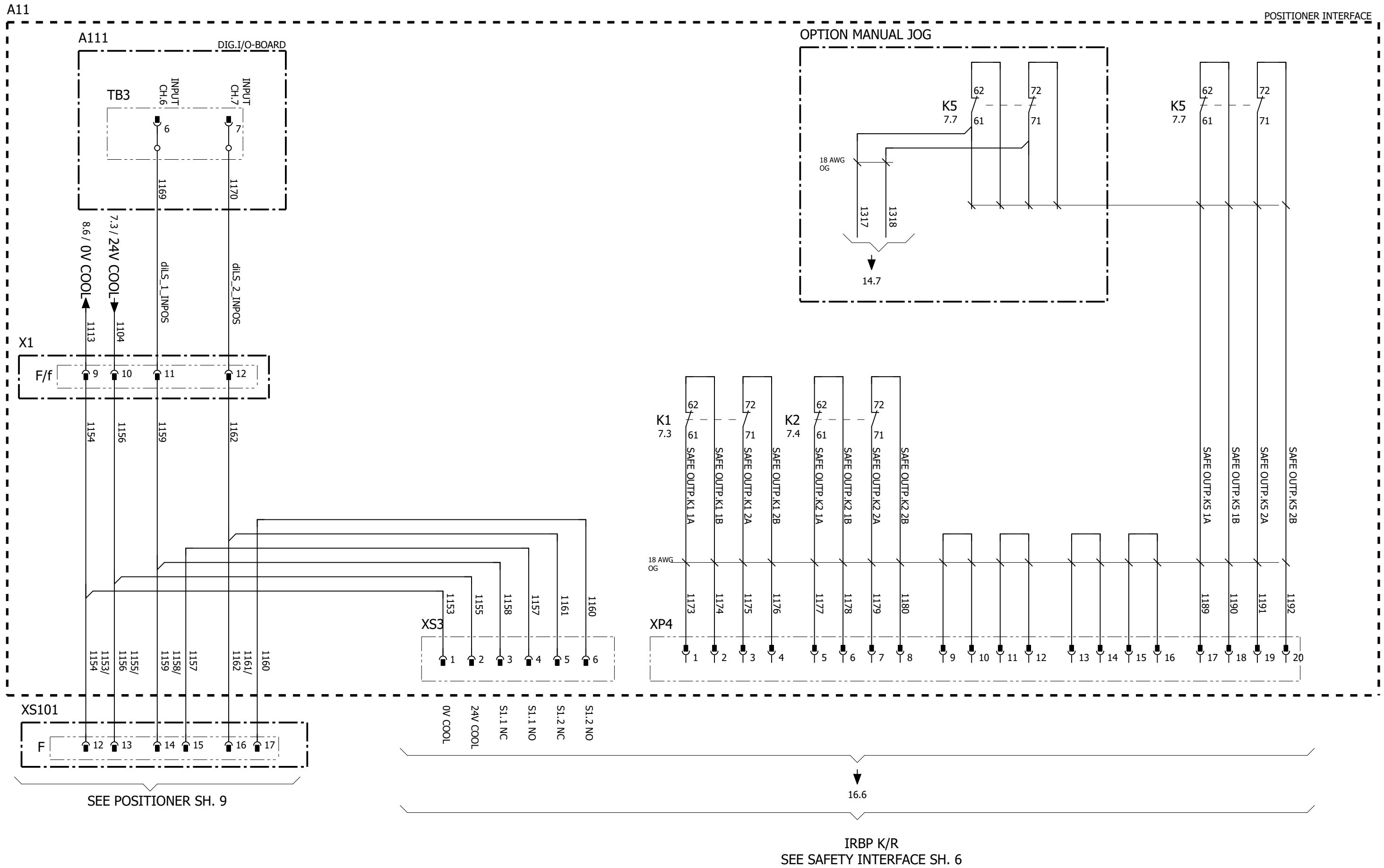
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**SERVICE DIAGRAM POS IF K/R.D2009**  
**MOTOR SIGNALS**  
**RELEASE 14.1**

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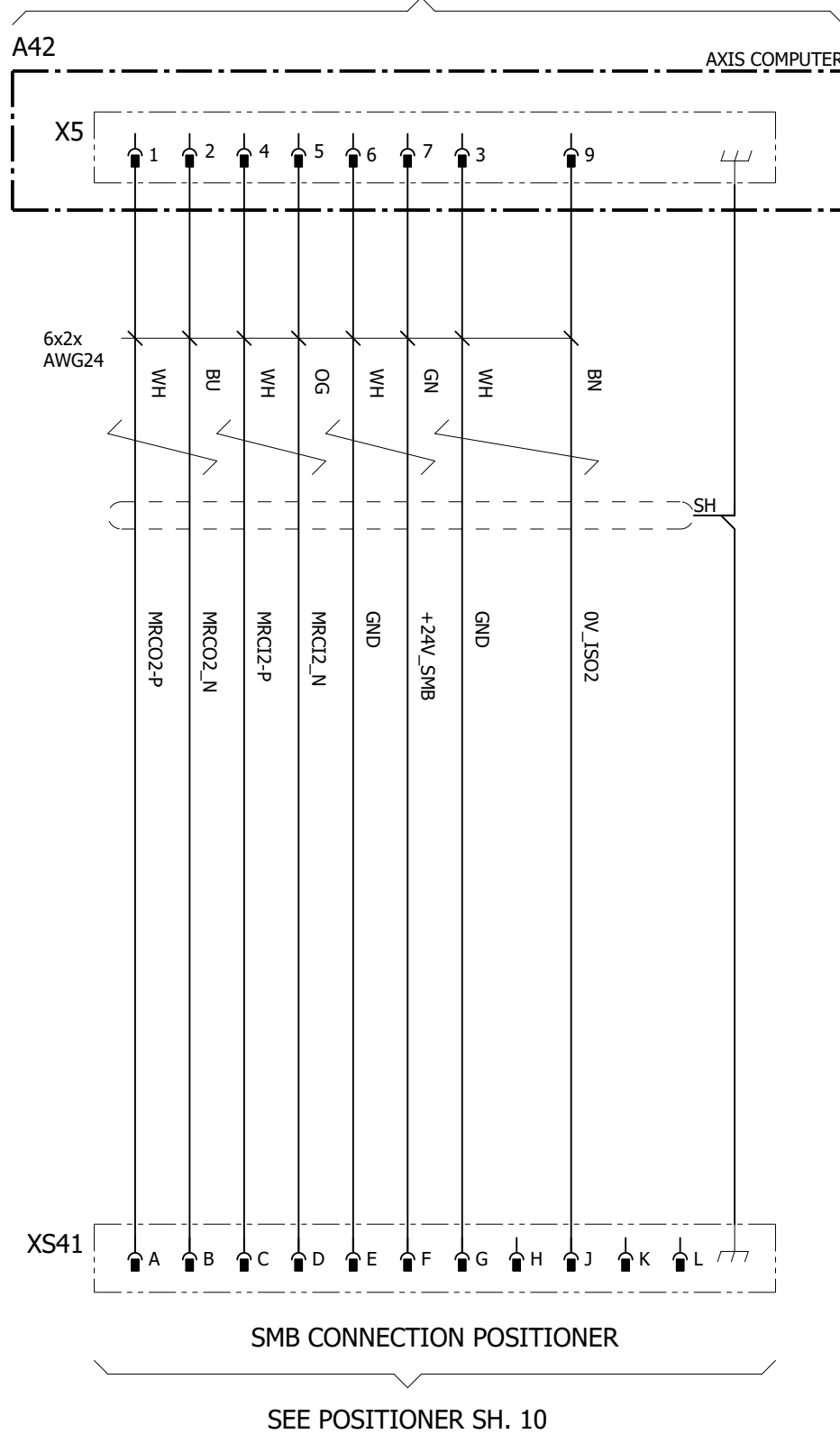
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**SAFETY SIGNALS**

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CONTROLLER



SEE POSITIONER SH. 10

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SERVICE DIAGRAM POS IF K/R.D2009  
MEASUREMENT SYSTEM

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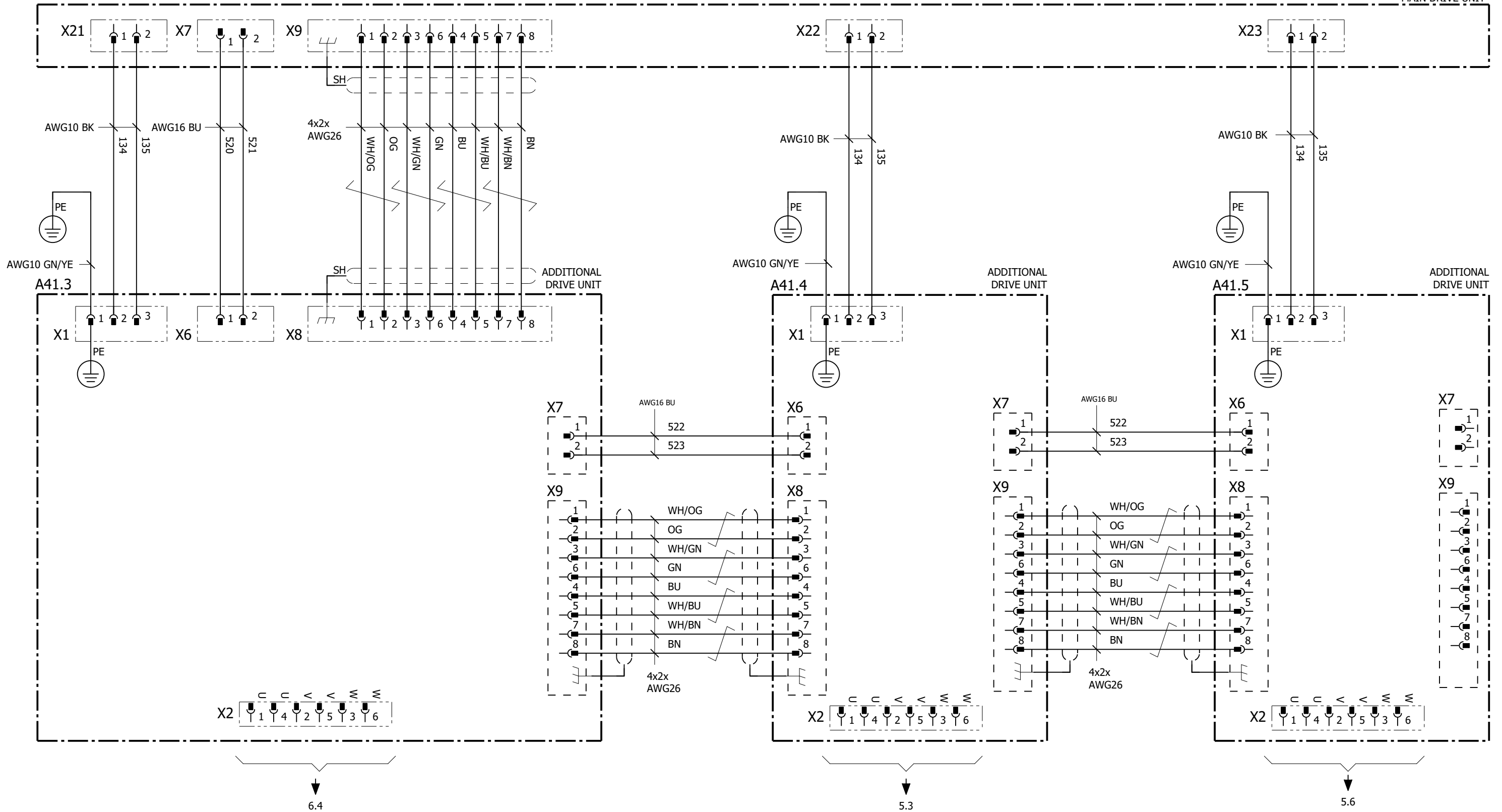
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A41.1 HIGH VOLTAGE  
A41.2 LOW VOLTAGE

MAIN DRIVE UNIT



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SERVICE DIAGRAM POS IF K/R.D2009  
DRIVE SYSTEM

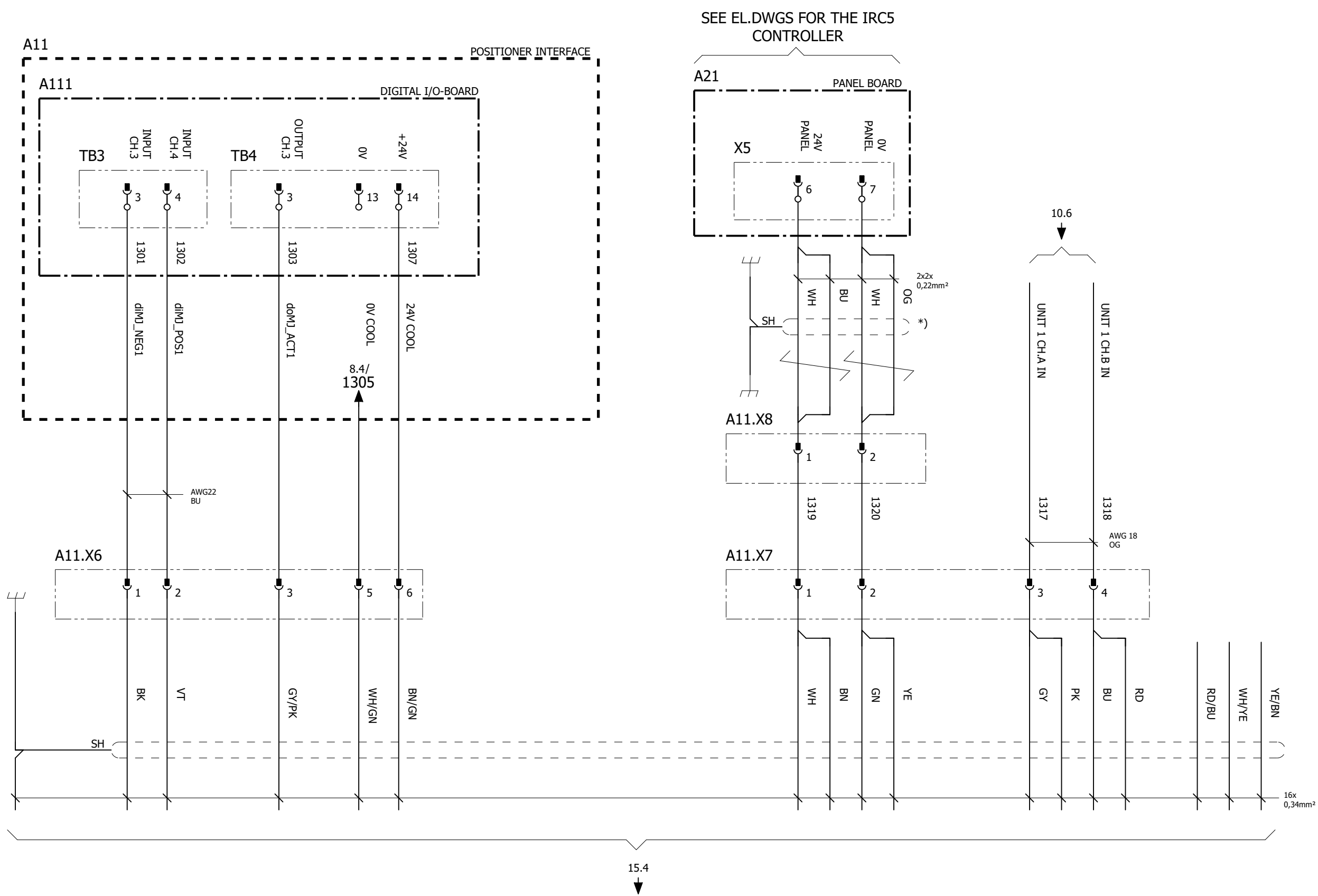
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CONNECTED WITH AWG18 BU, IF NO OTHER NOTATION

\*) SHIELD ONLY CONNECTED WHEN DC

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**SERVICE DIAGRAM POS IF K/R.D2009**  
**OPTION MANUAL JOG,**  
**SIGNALS & CONNECTIONS**

Status:  
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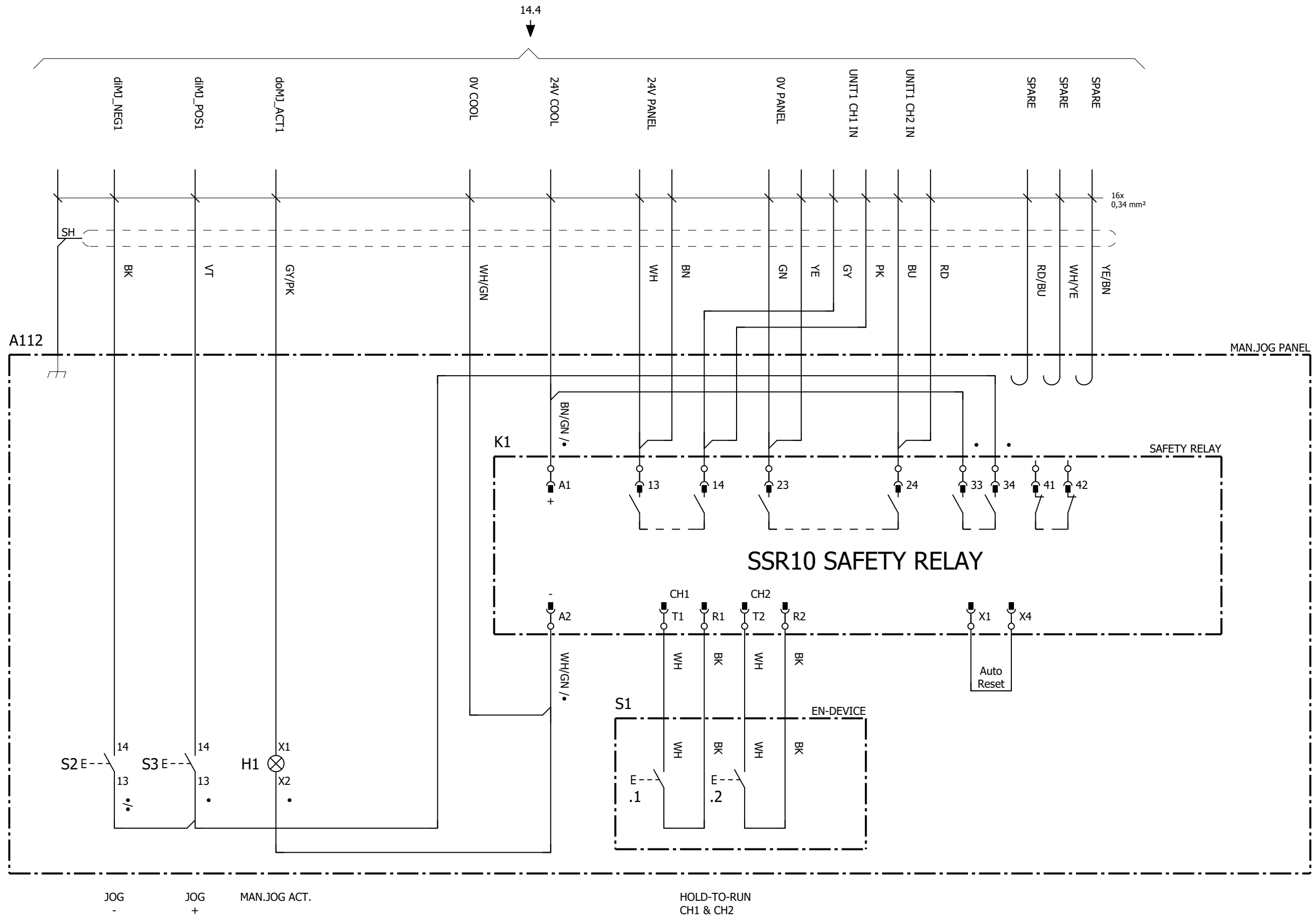
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**OPTION MANUAL JOG,**  
**CONTROL UNIT**

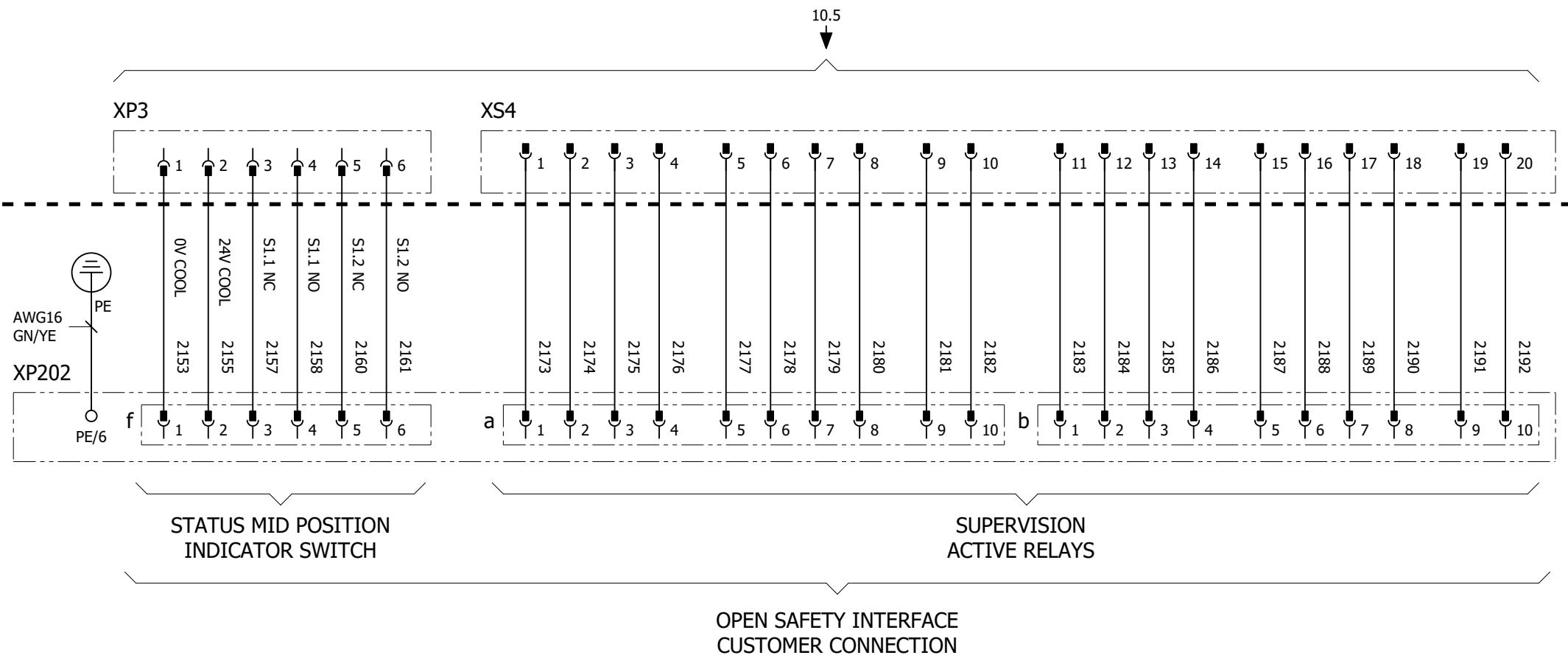
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A11

POSITIONER INTERFACE



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