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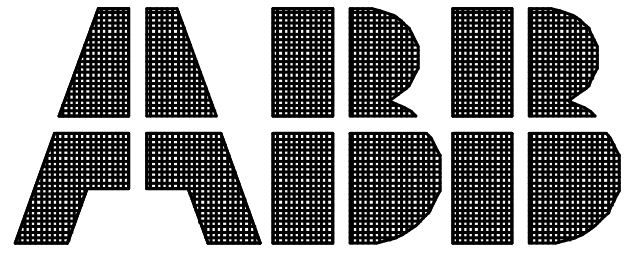
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MOTOR UNITS AND GEAR UNITS
TITLE PAGE

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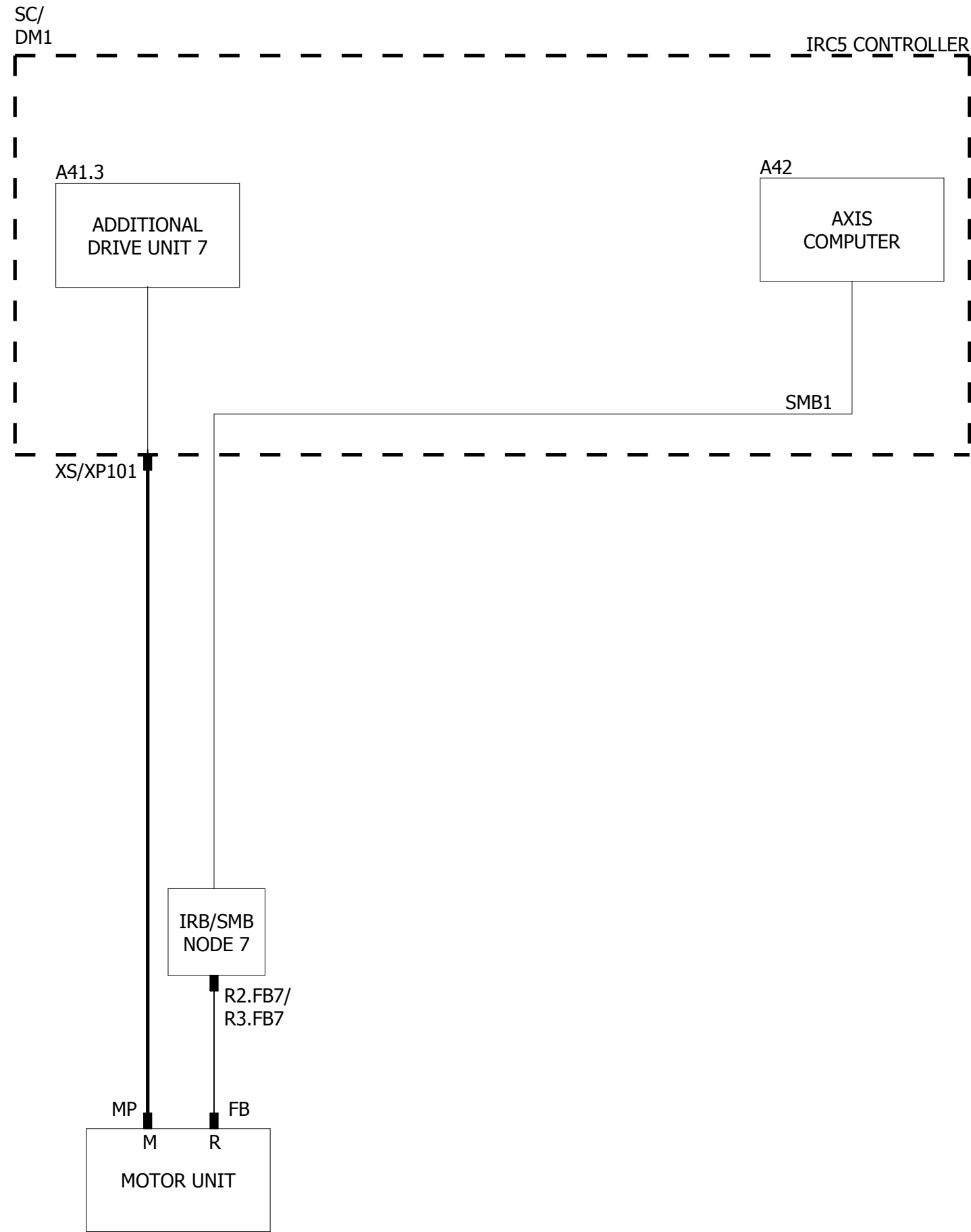
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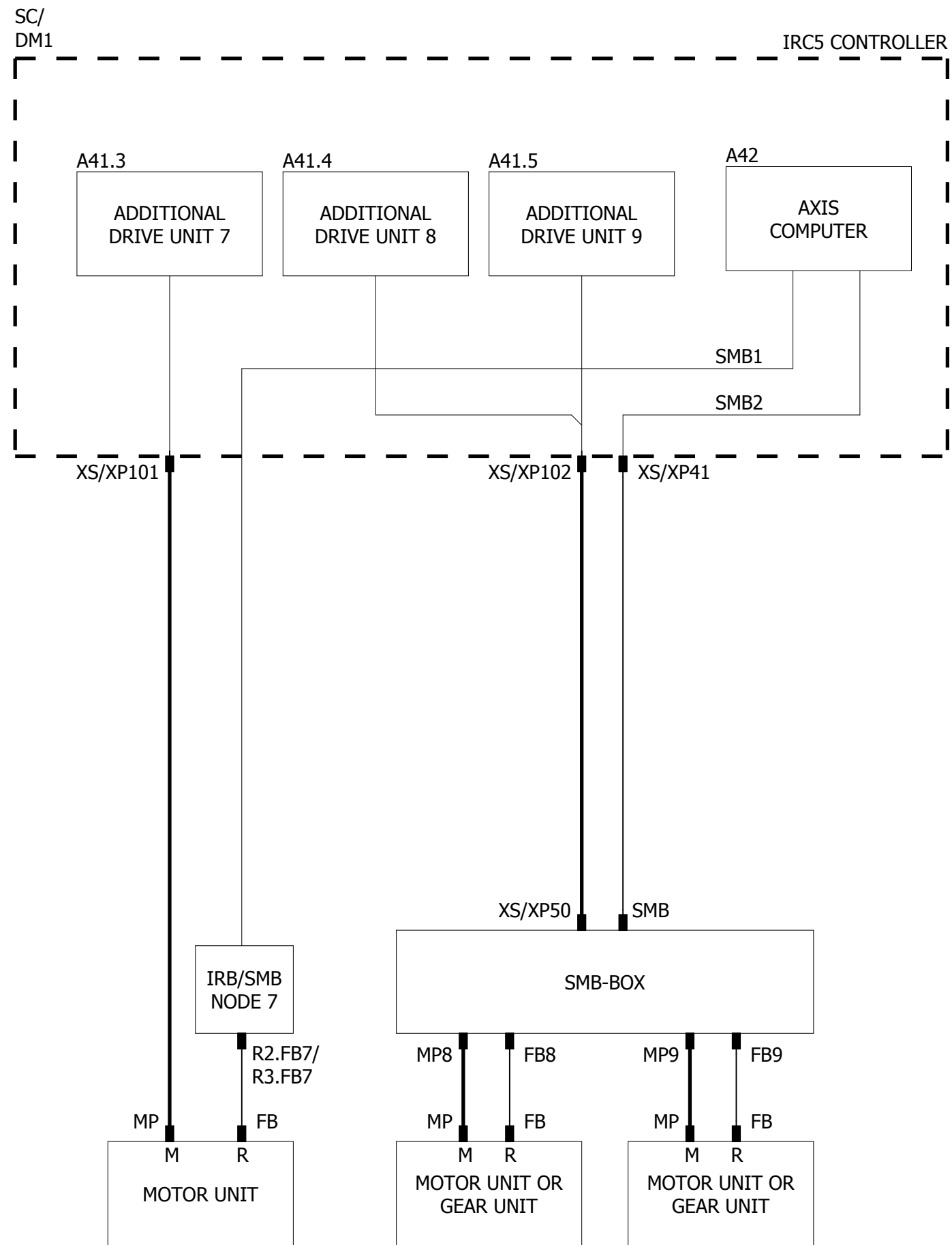
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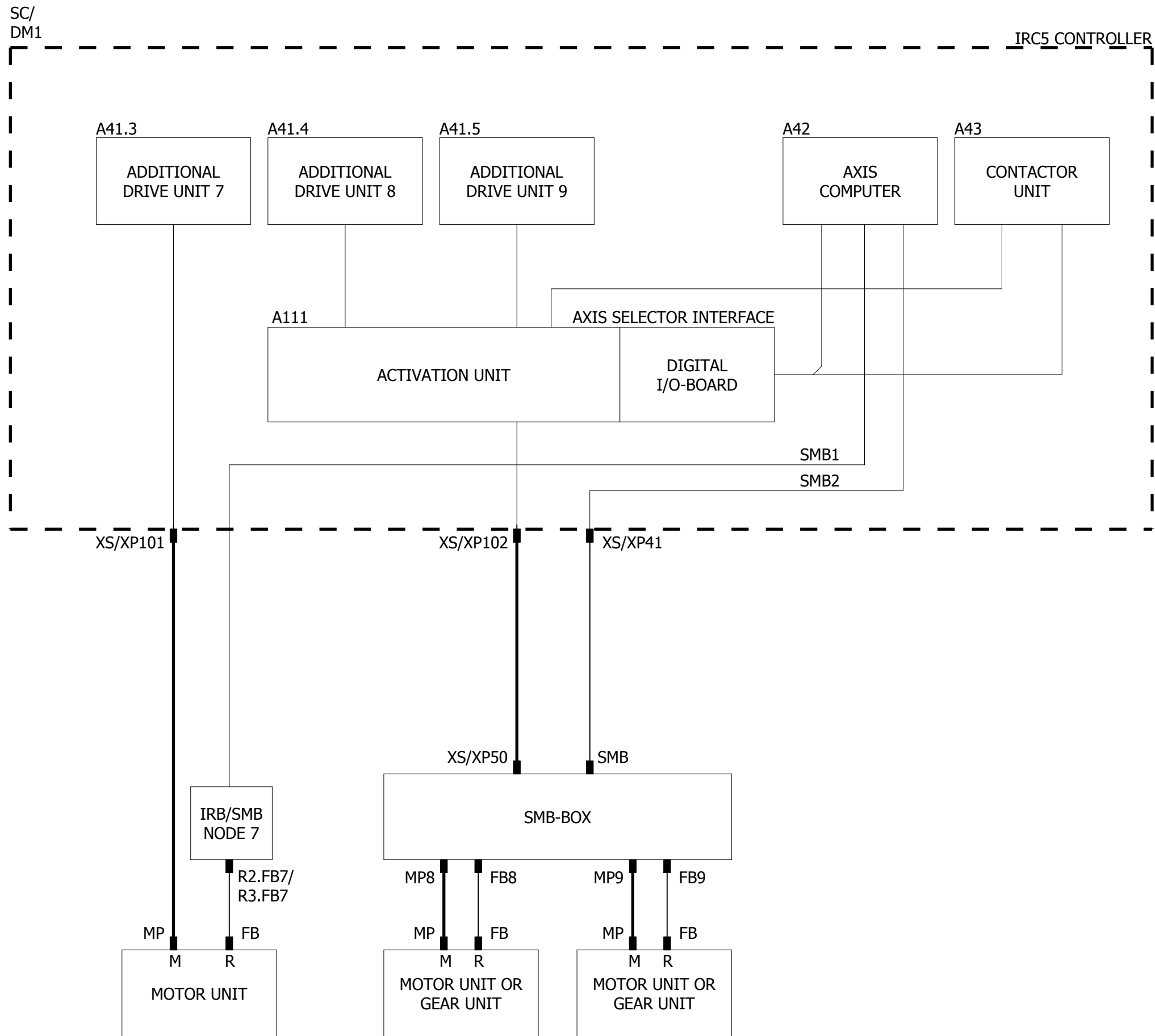
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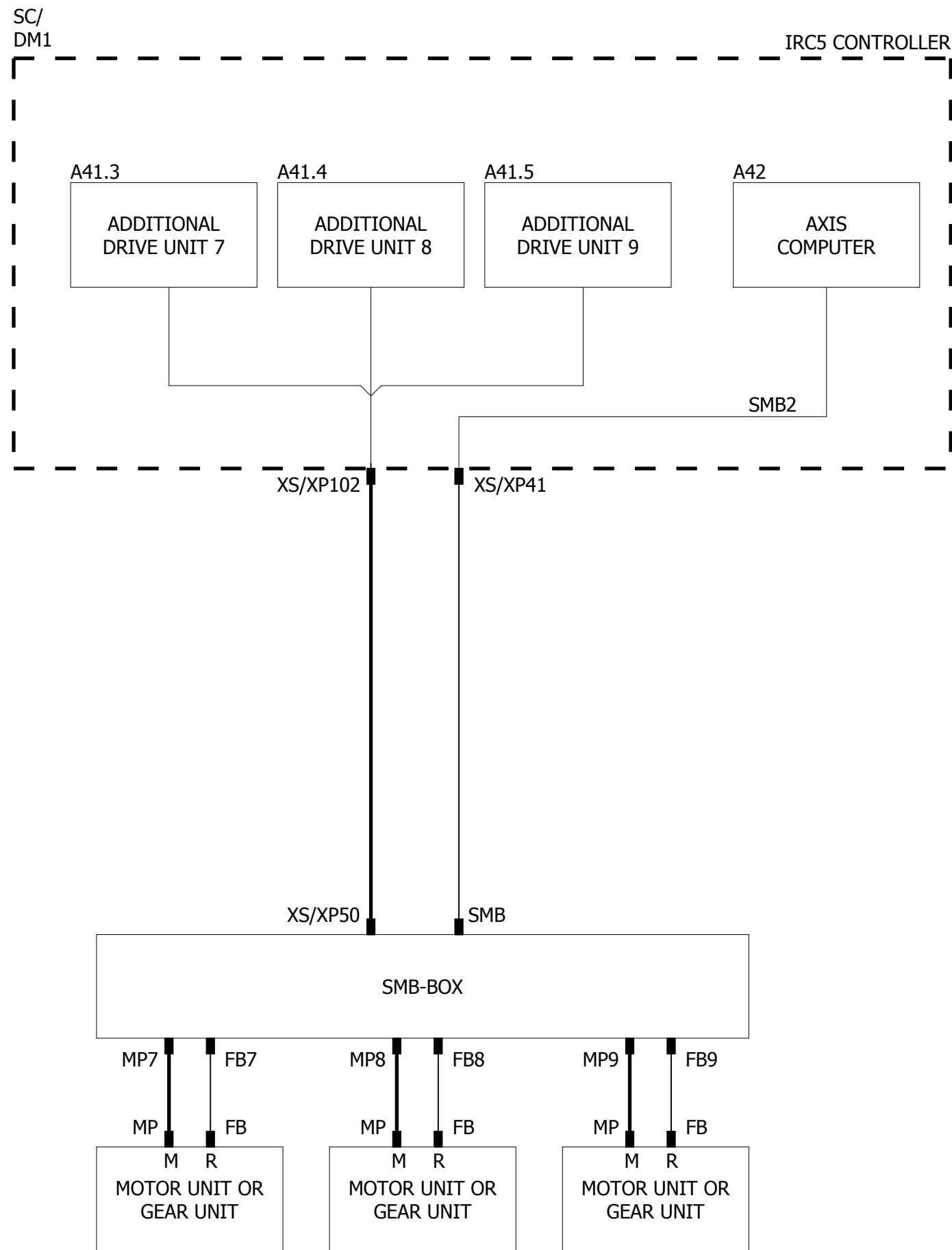
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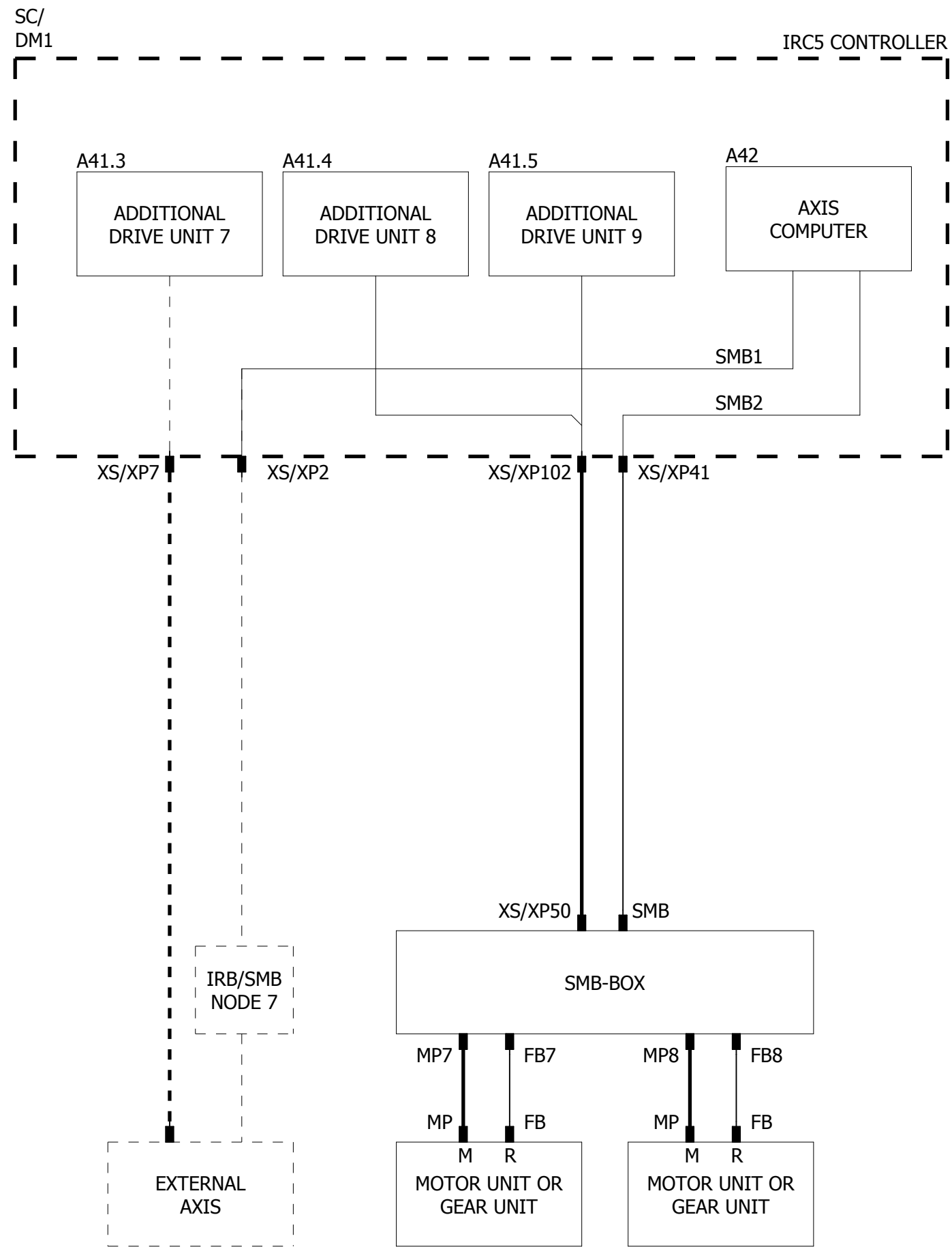
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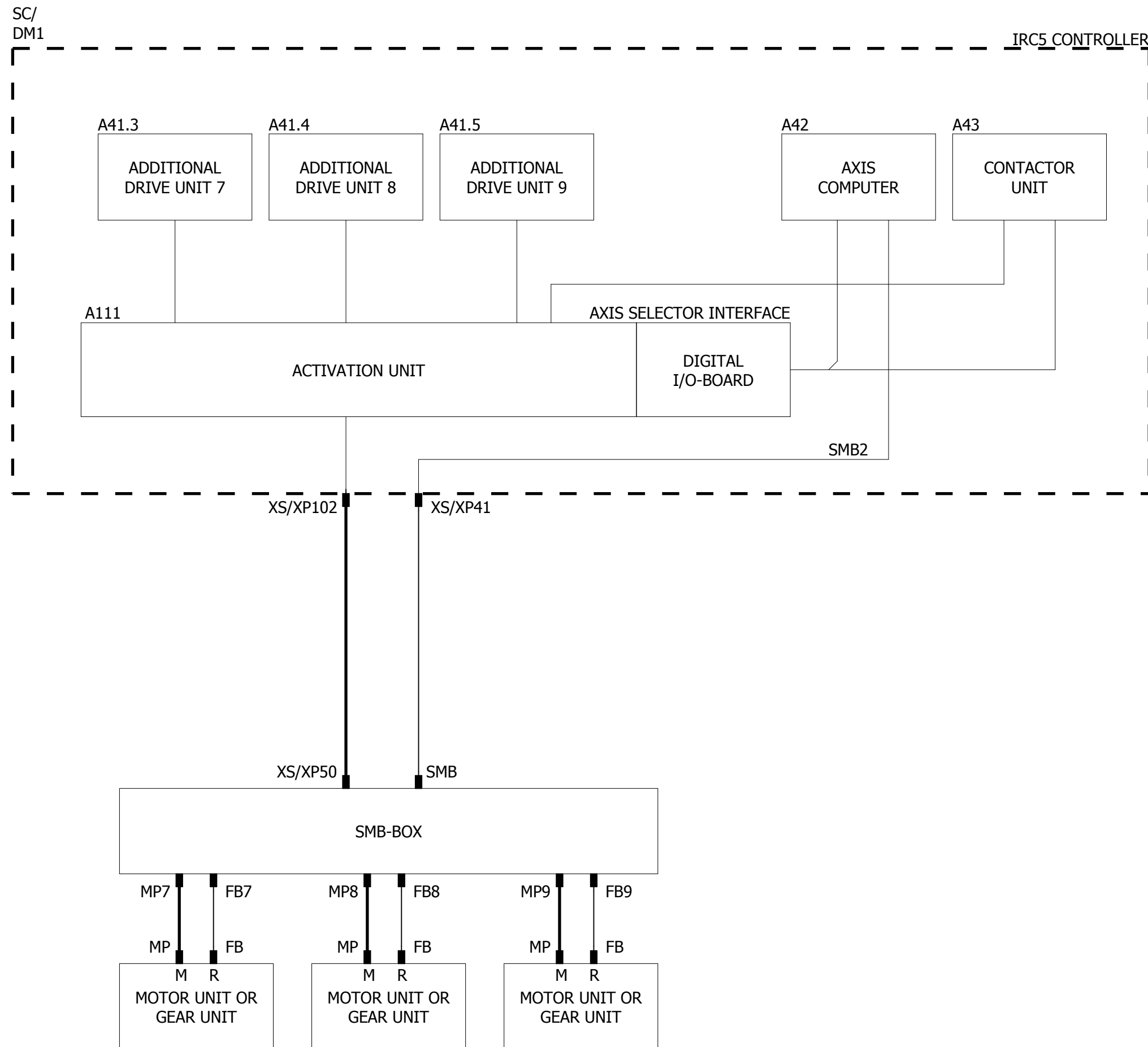


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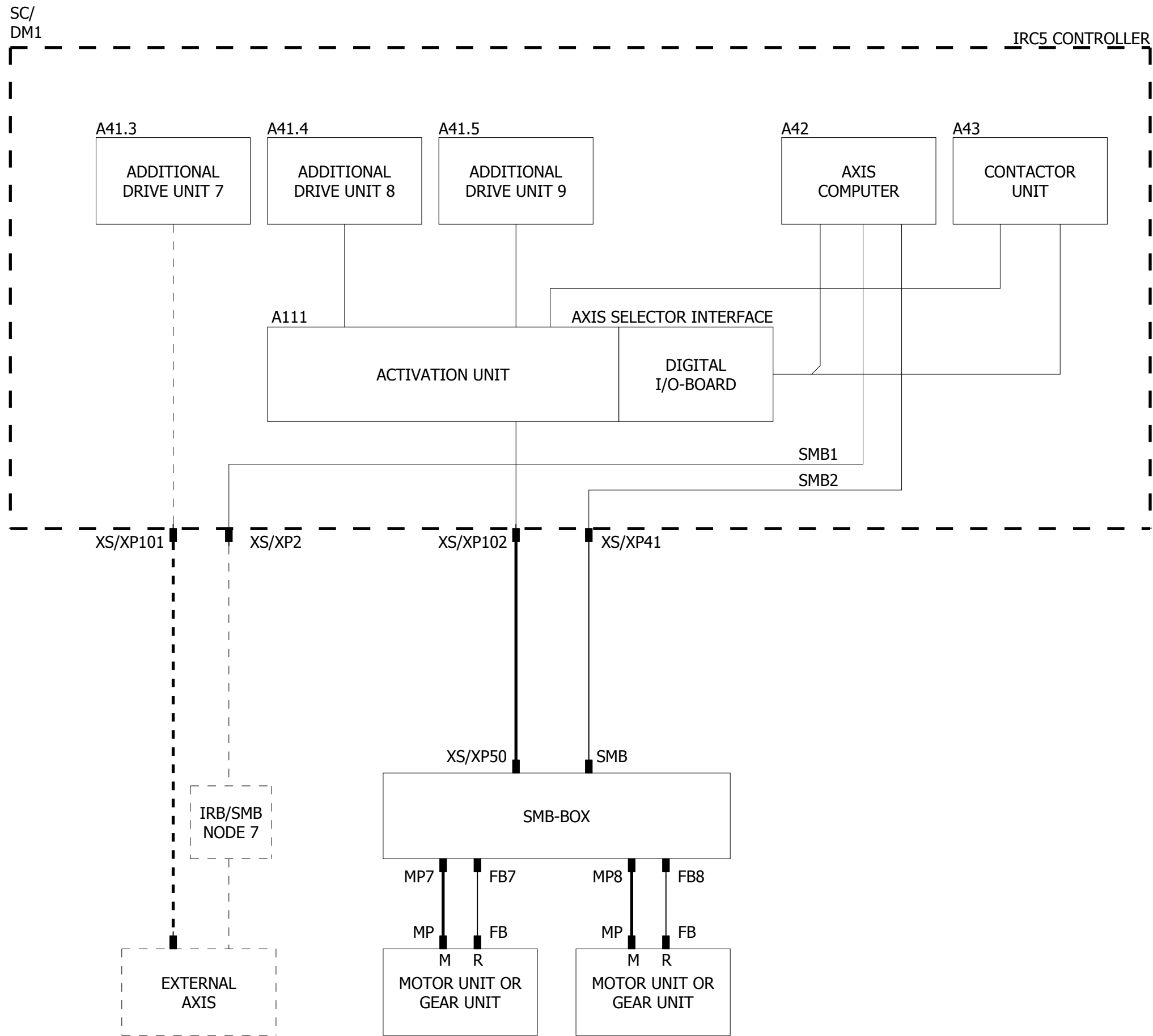
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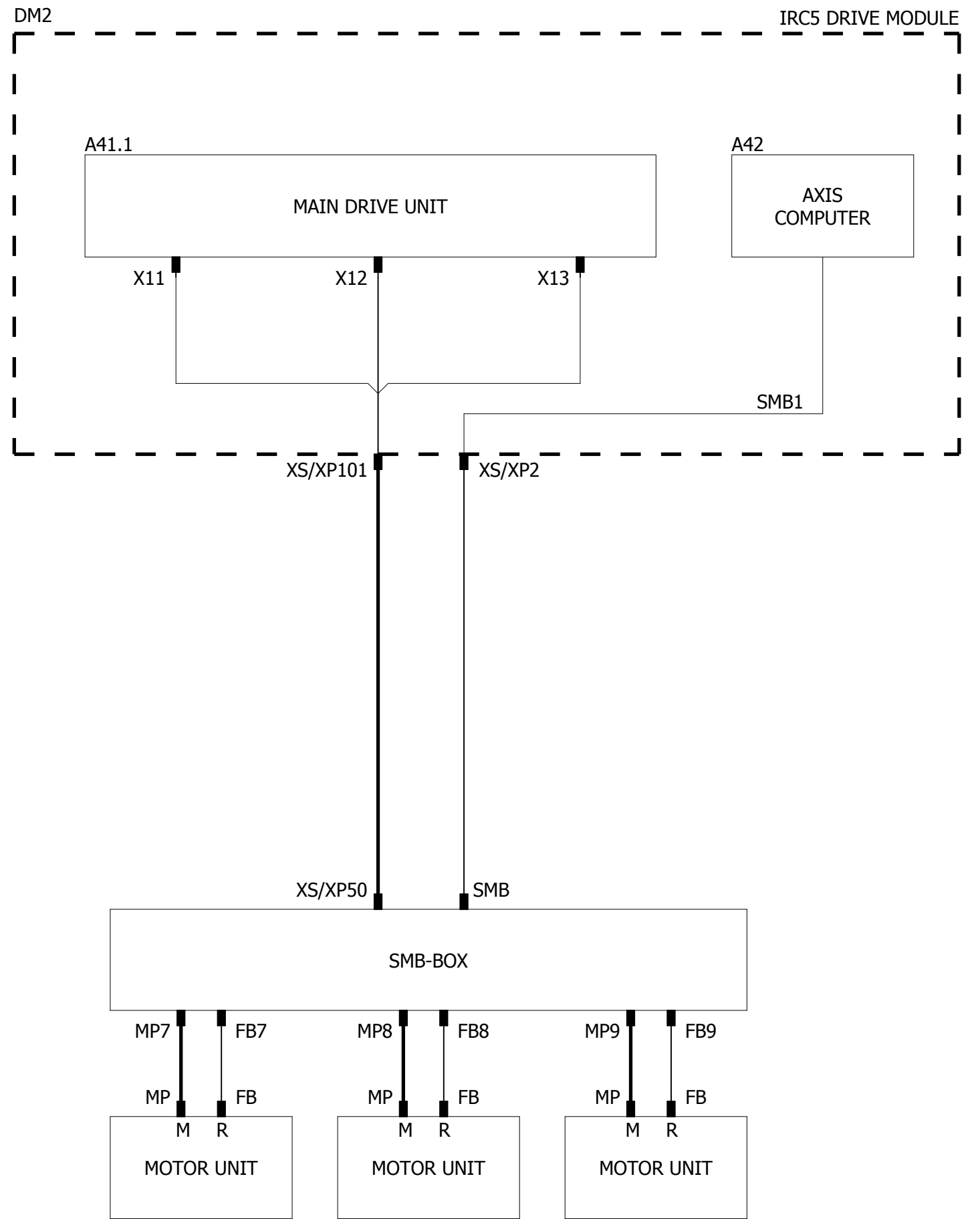
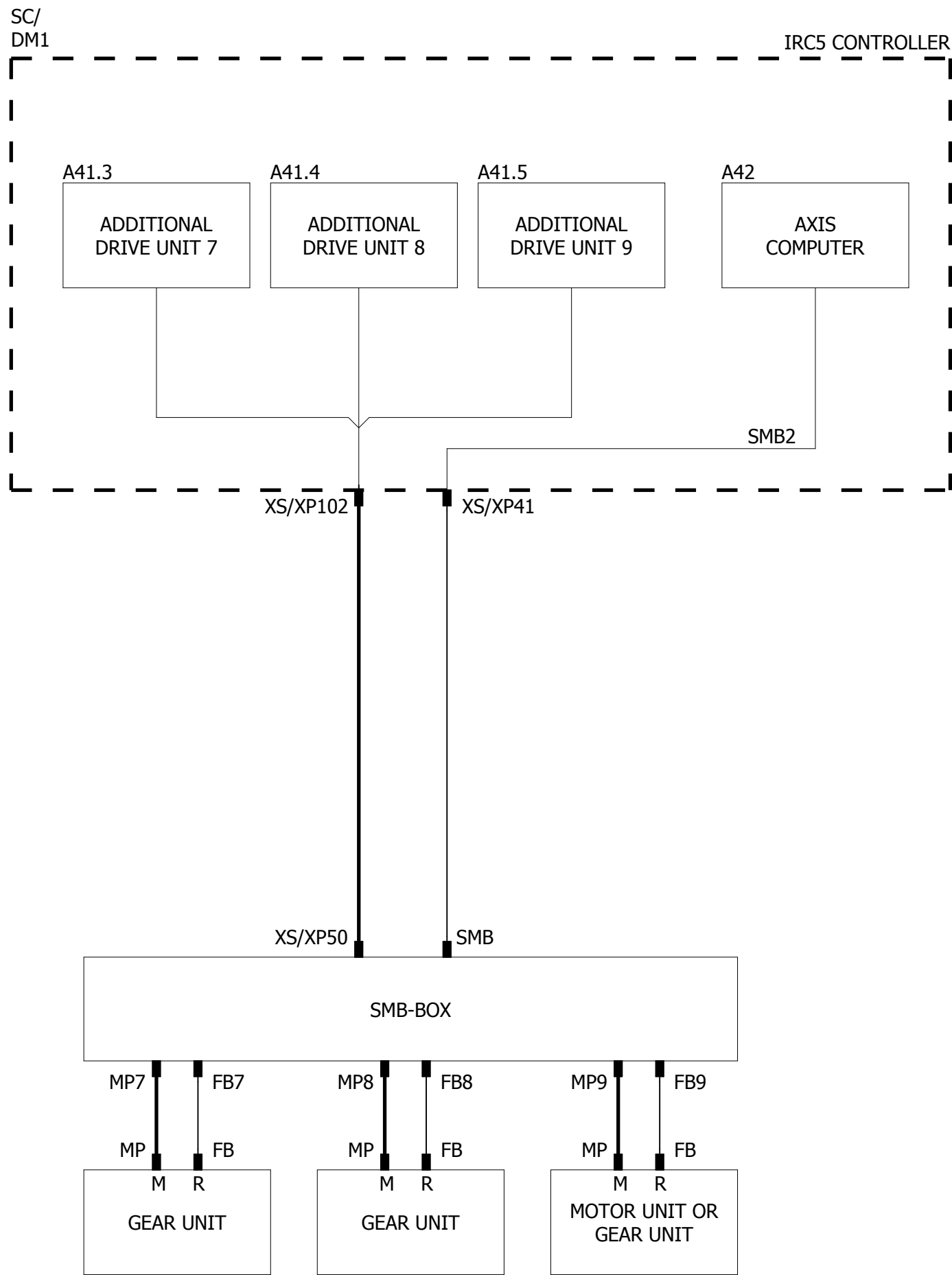


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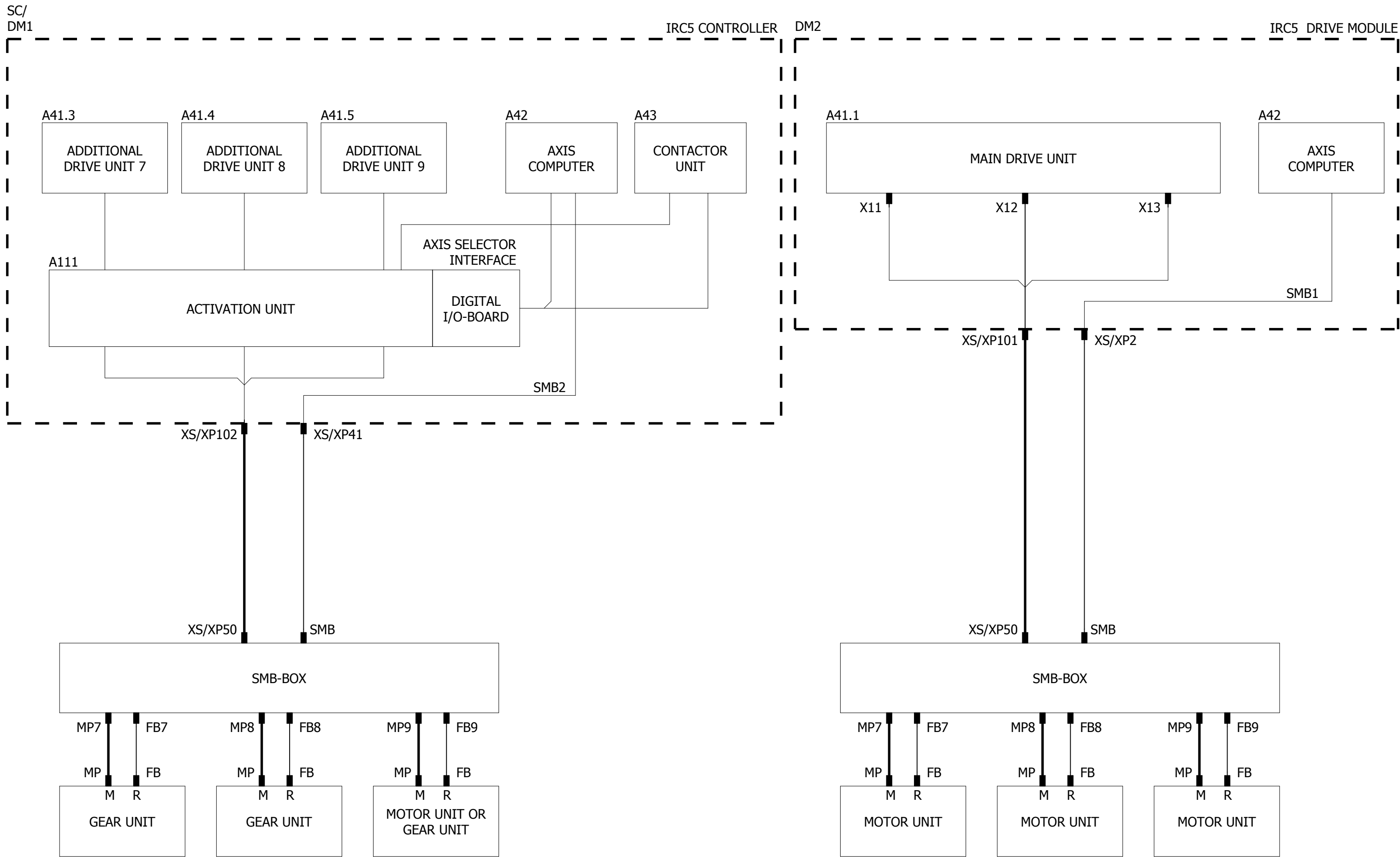
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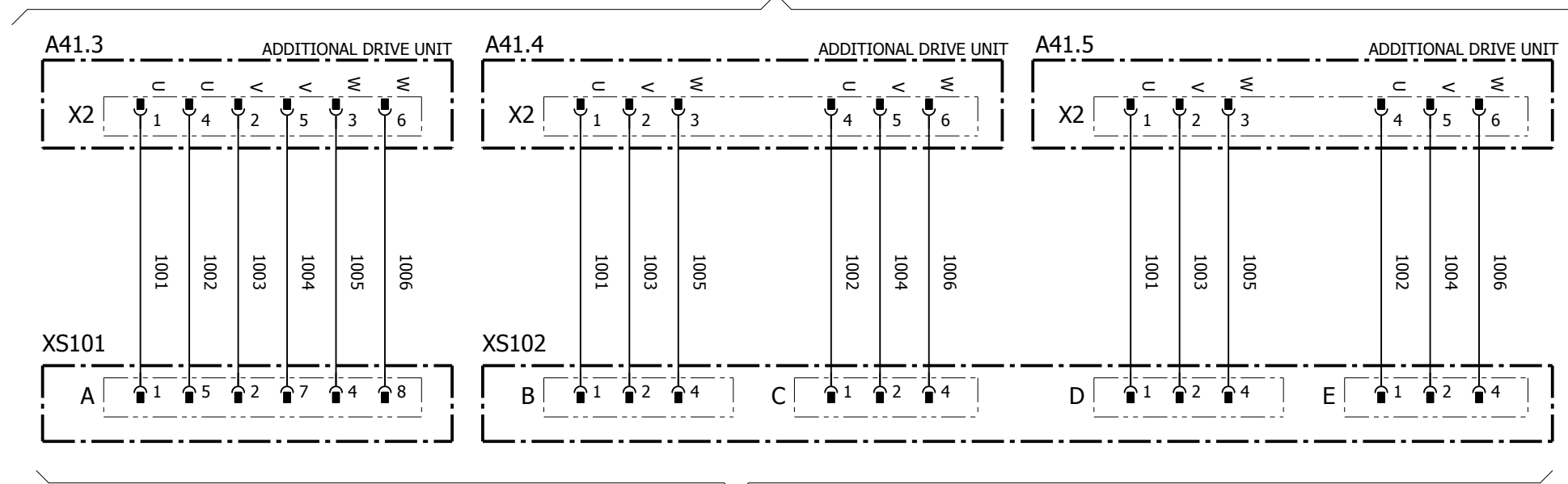
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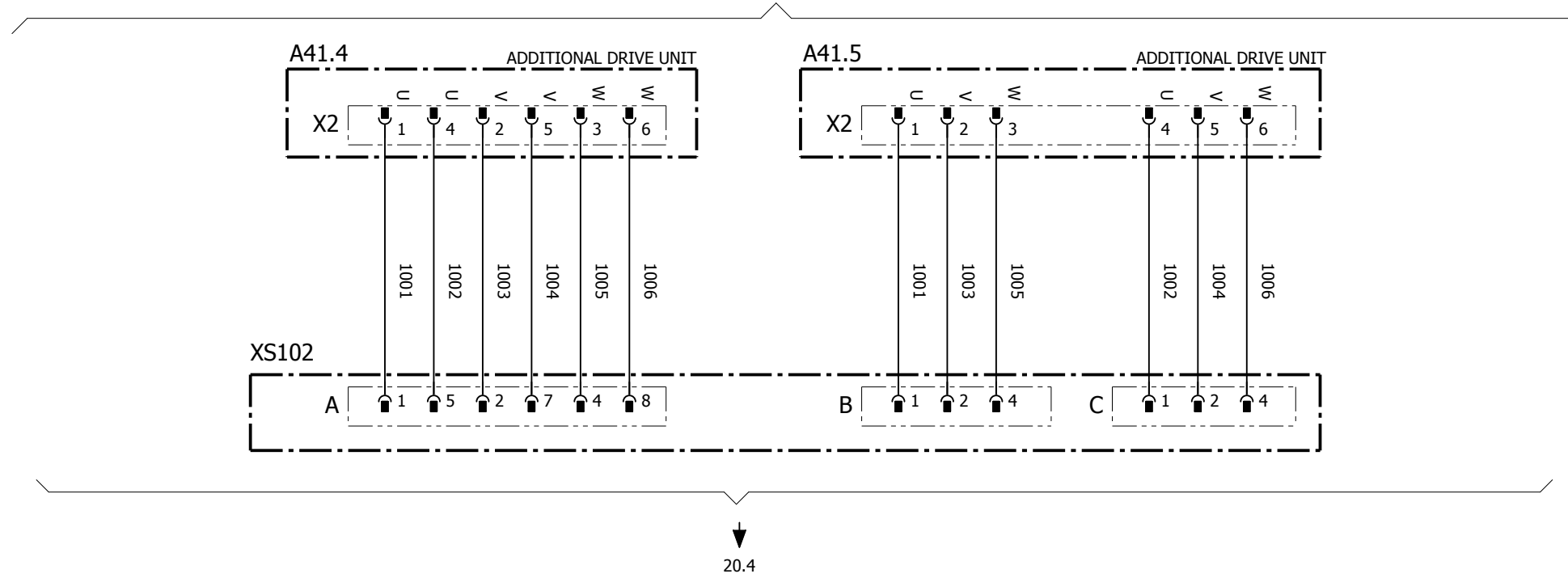
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MOTOR UNITS AND GEAR UNITS
MOTOR POWER ADDITIONAL DRIVE
UNIT WITHOUT AXIS SELECTOR

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MOTOR UNITS AND GEAR UNITS
MOTOR POWER ADD.DRIVE UNIT
SCENARIO E

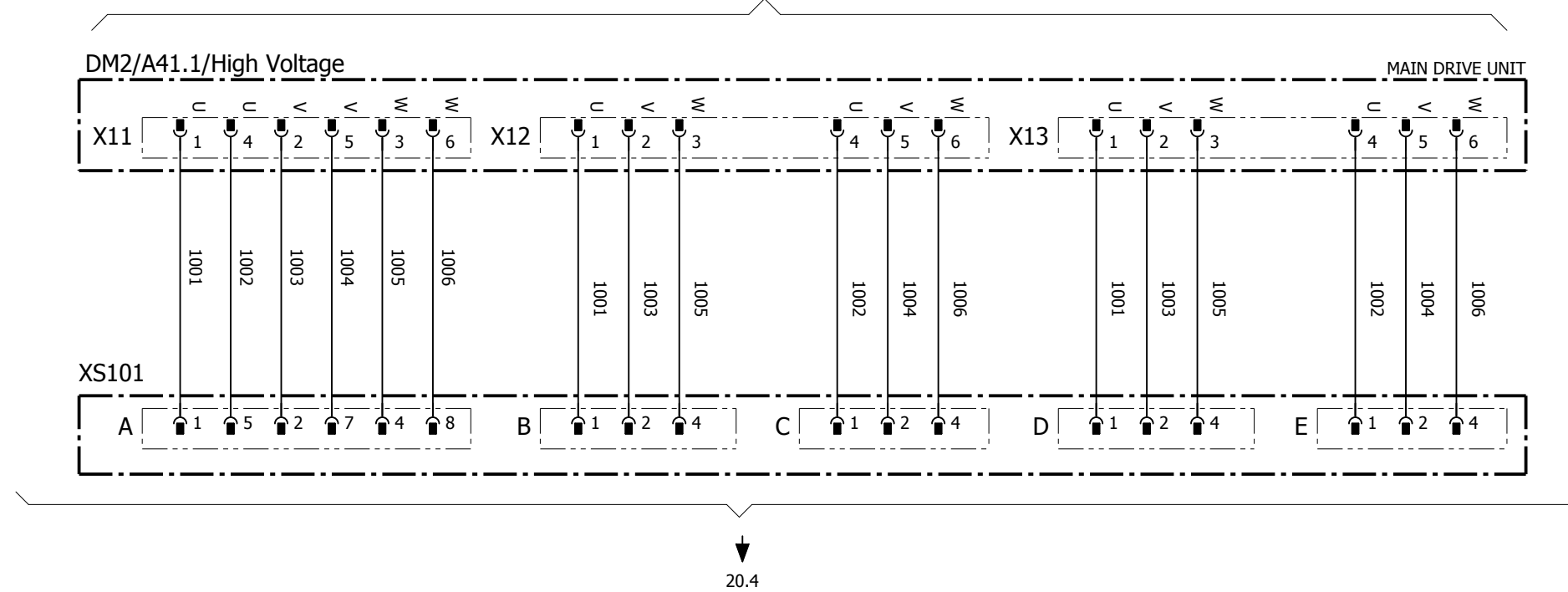
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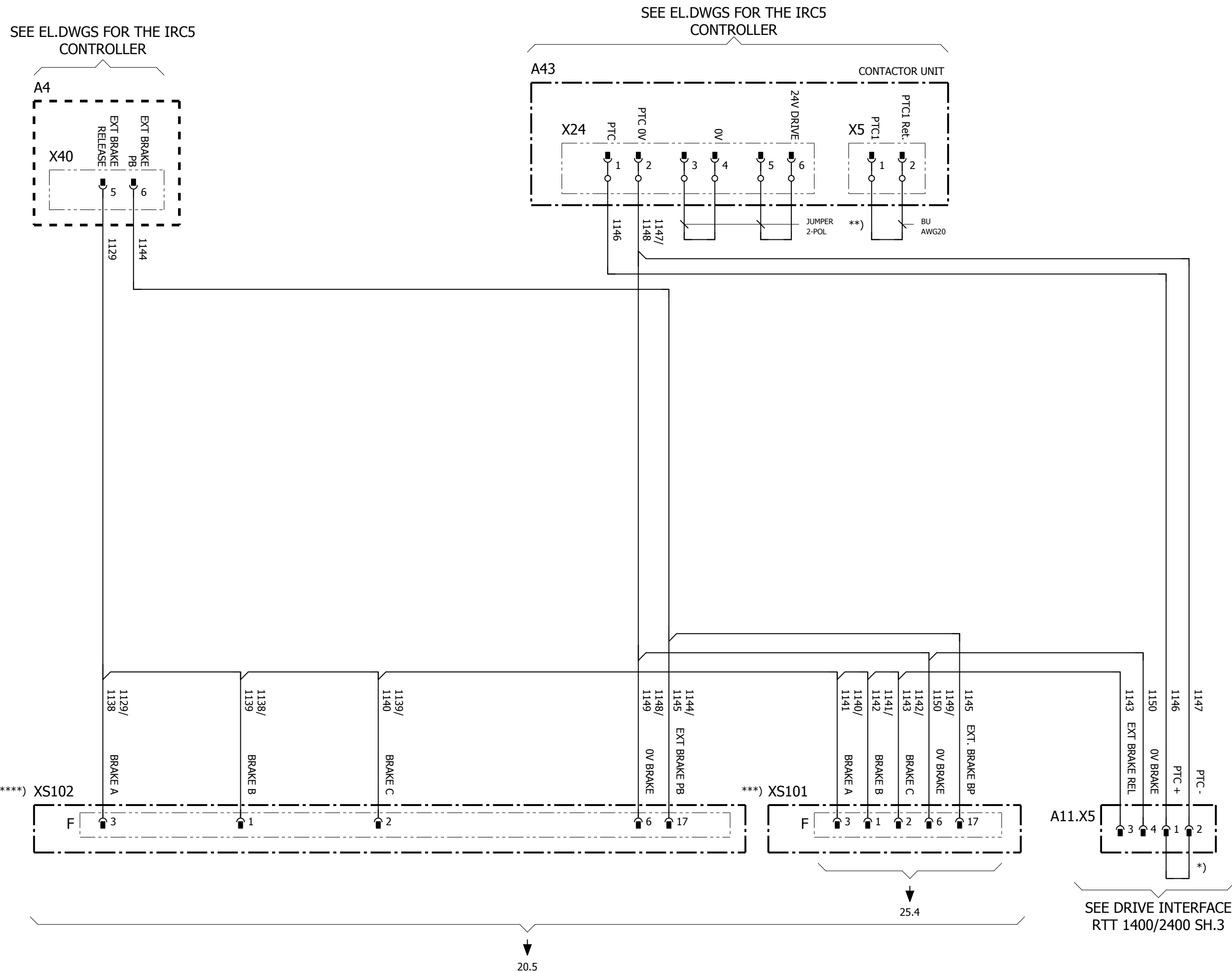


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 **) JUMPER A43.XS5 CONNECTED IF DRIVE MODULE 2
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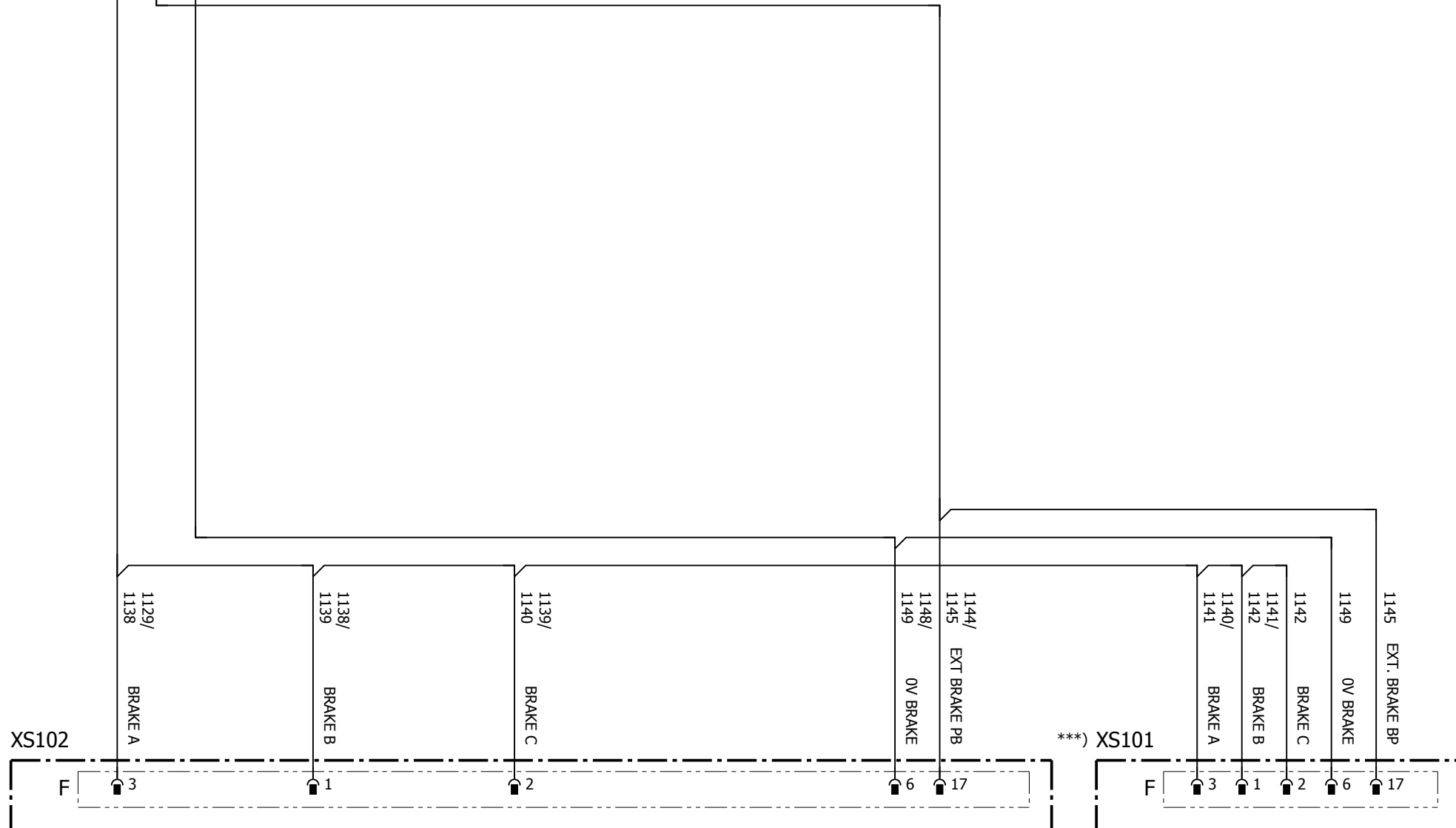
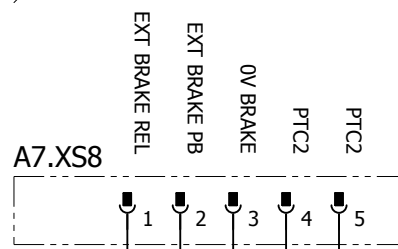
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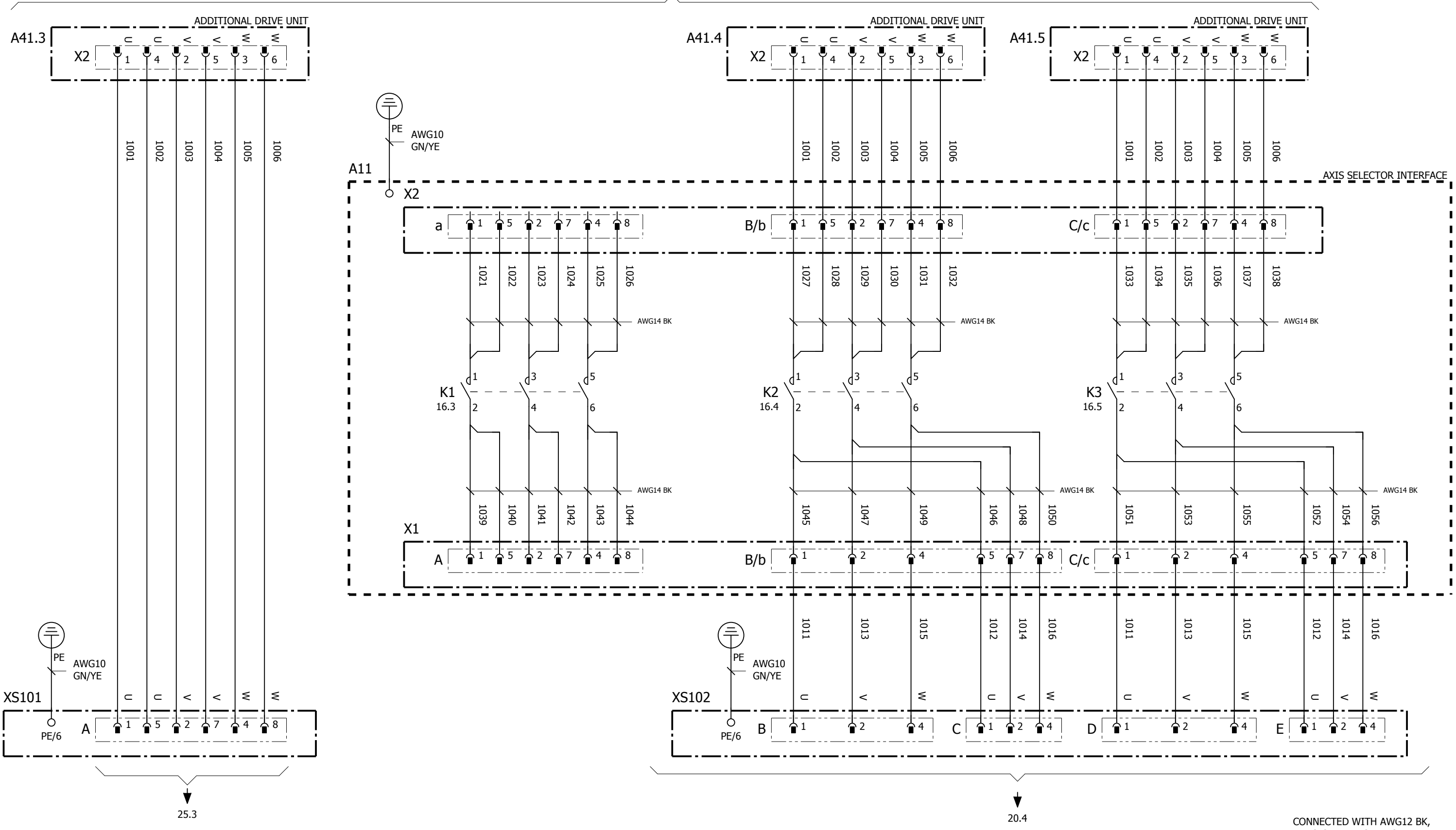


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MOTOR UNITS AND GEAR UNITS
AXIS SELECTOR
SCENARIO B

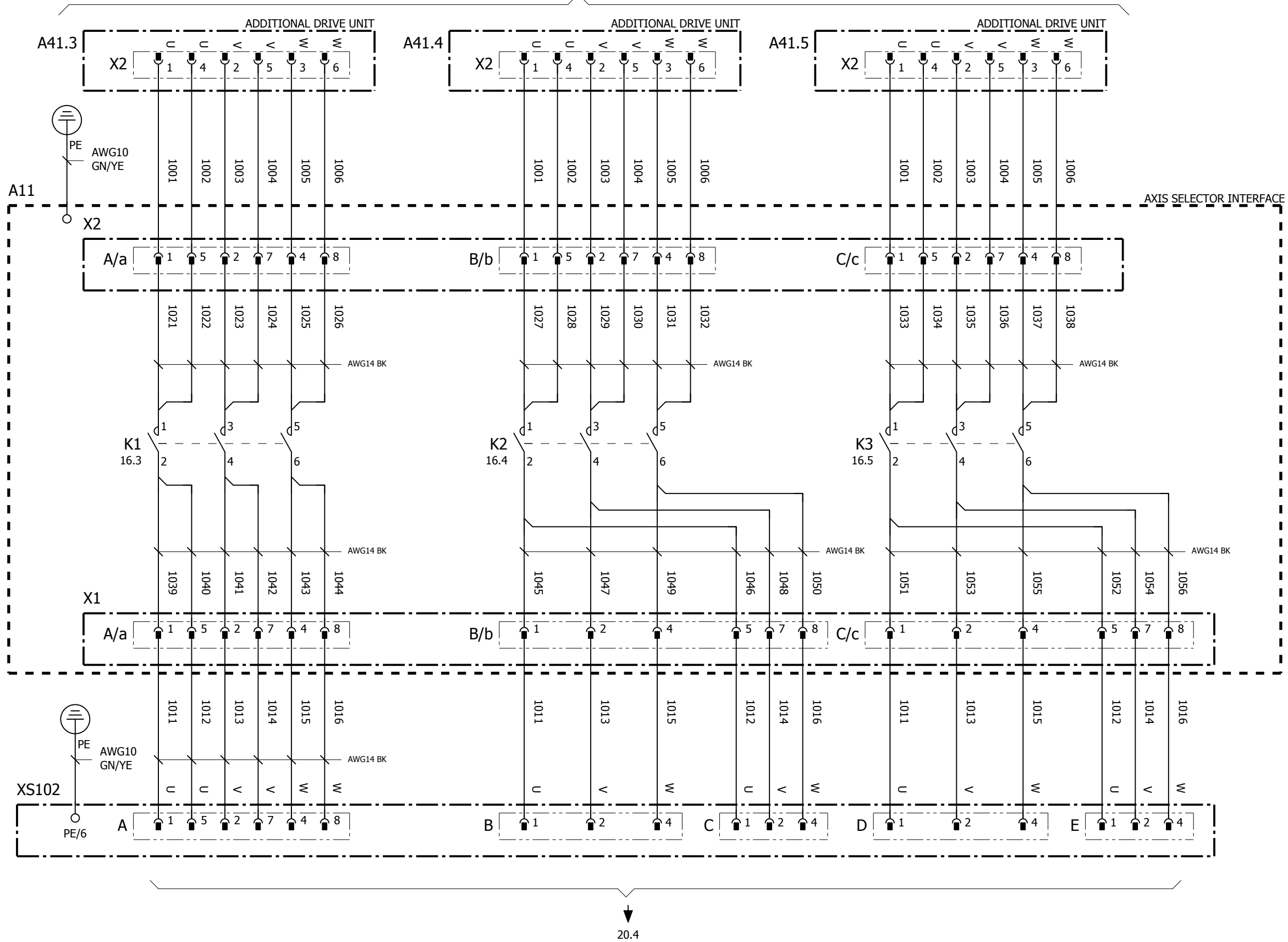
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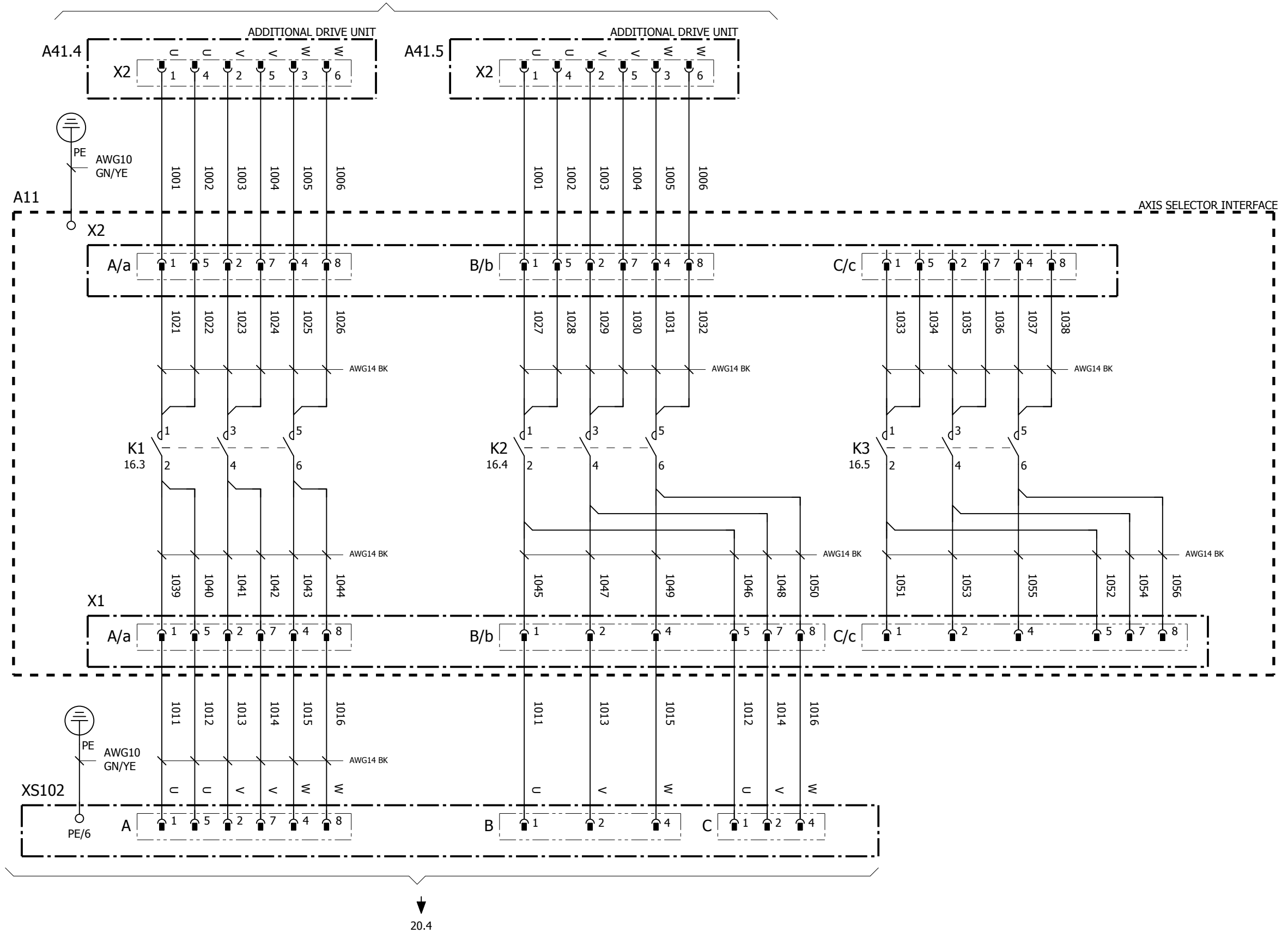
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AXIS SELECTOR
SCENARIO C AND D

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AXIS SELECTOR
SCENARIO E

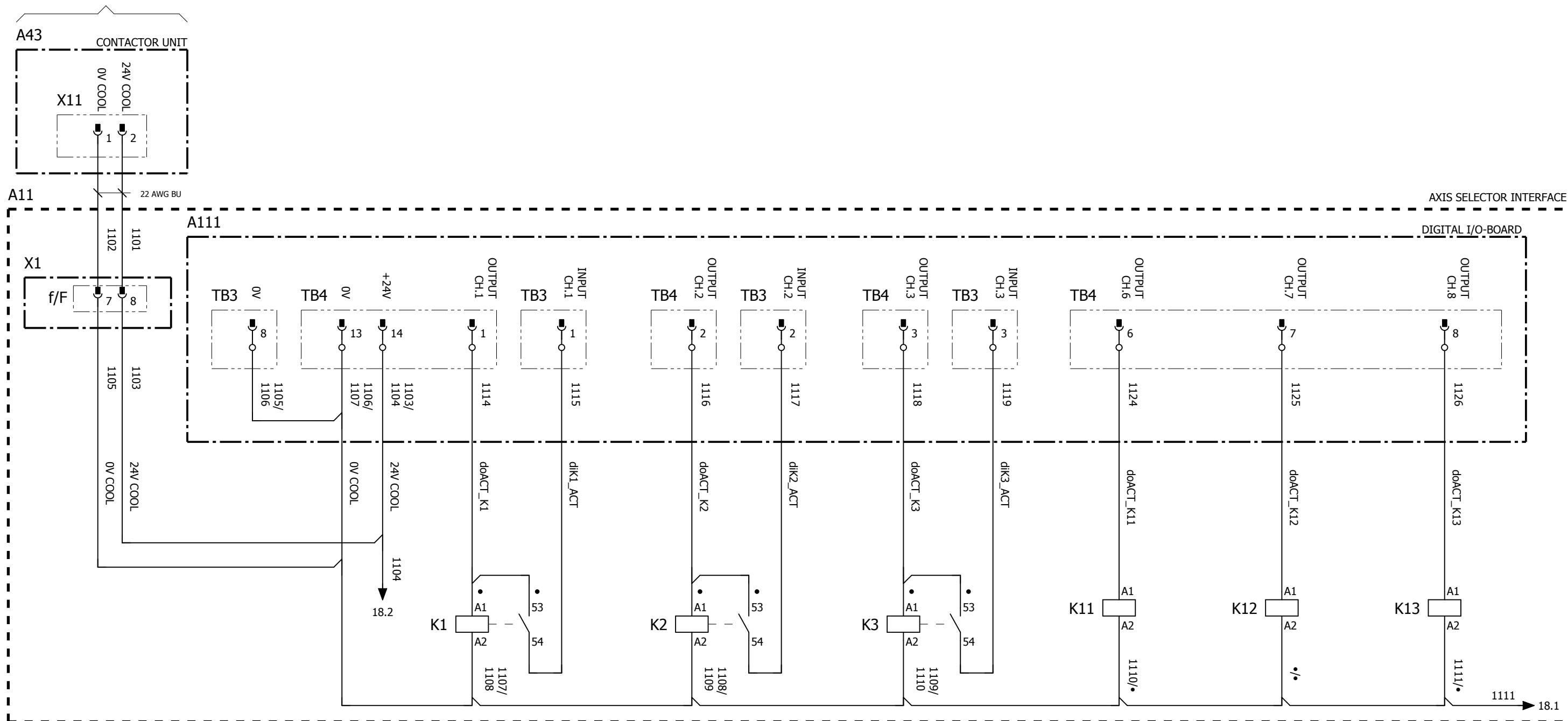
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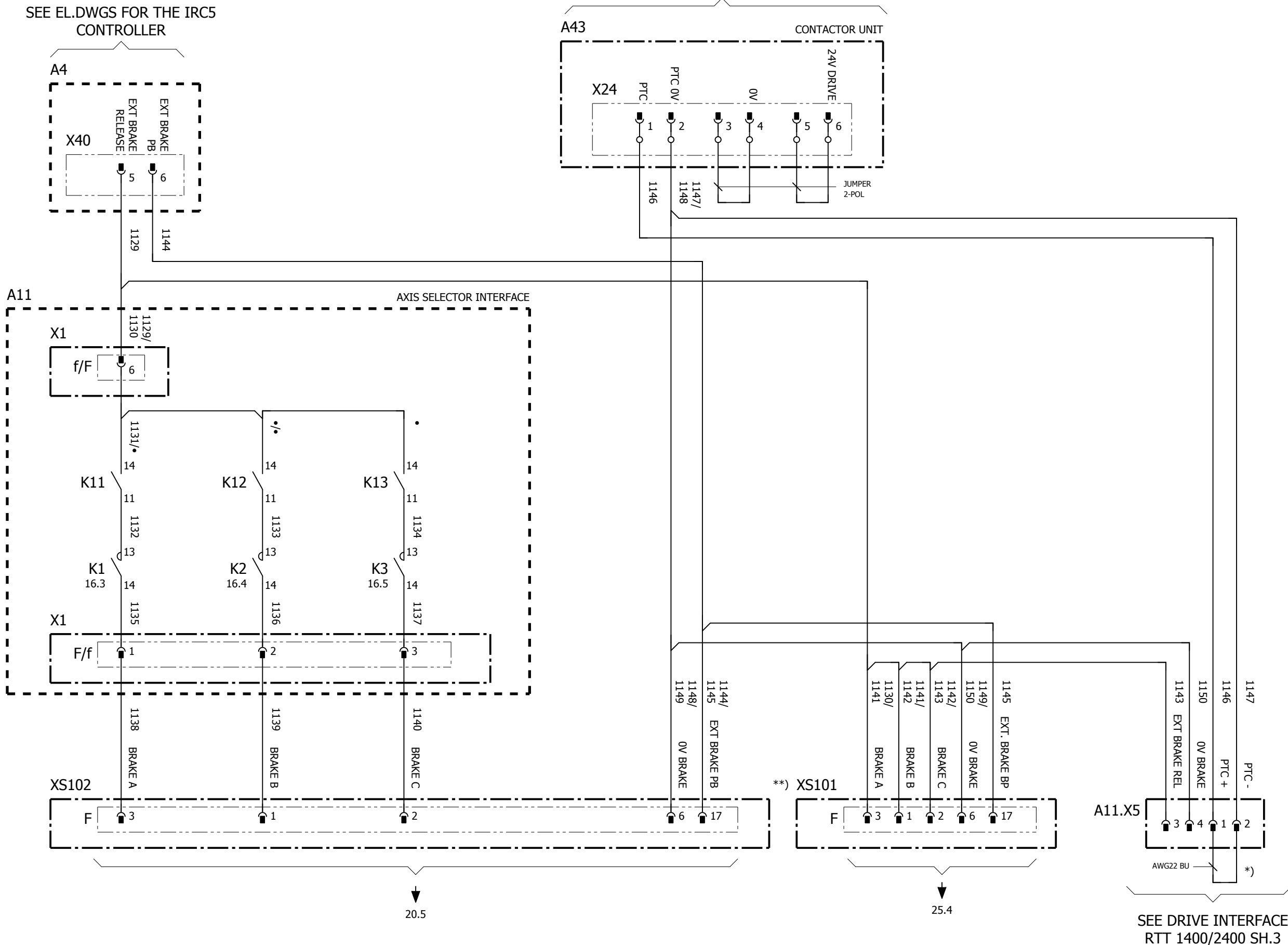
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| Rev. 01:XS102.F:2 was XS102.F:4(3).XS101.F:2 was XS101.F:4(5). | |
| Rev. 04: Page number changed. | |
| Prepared by, date: JG, 2018-03-21 | Approved by, date: MW, 2018-04-19 |



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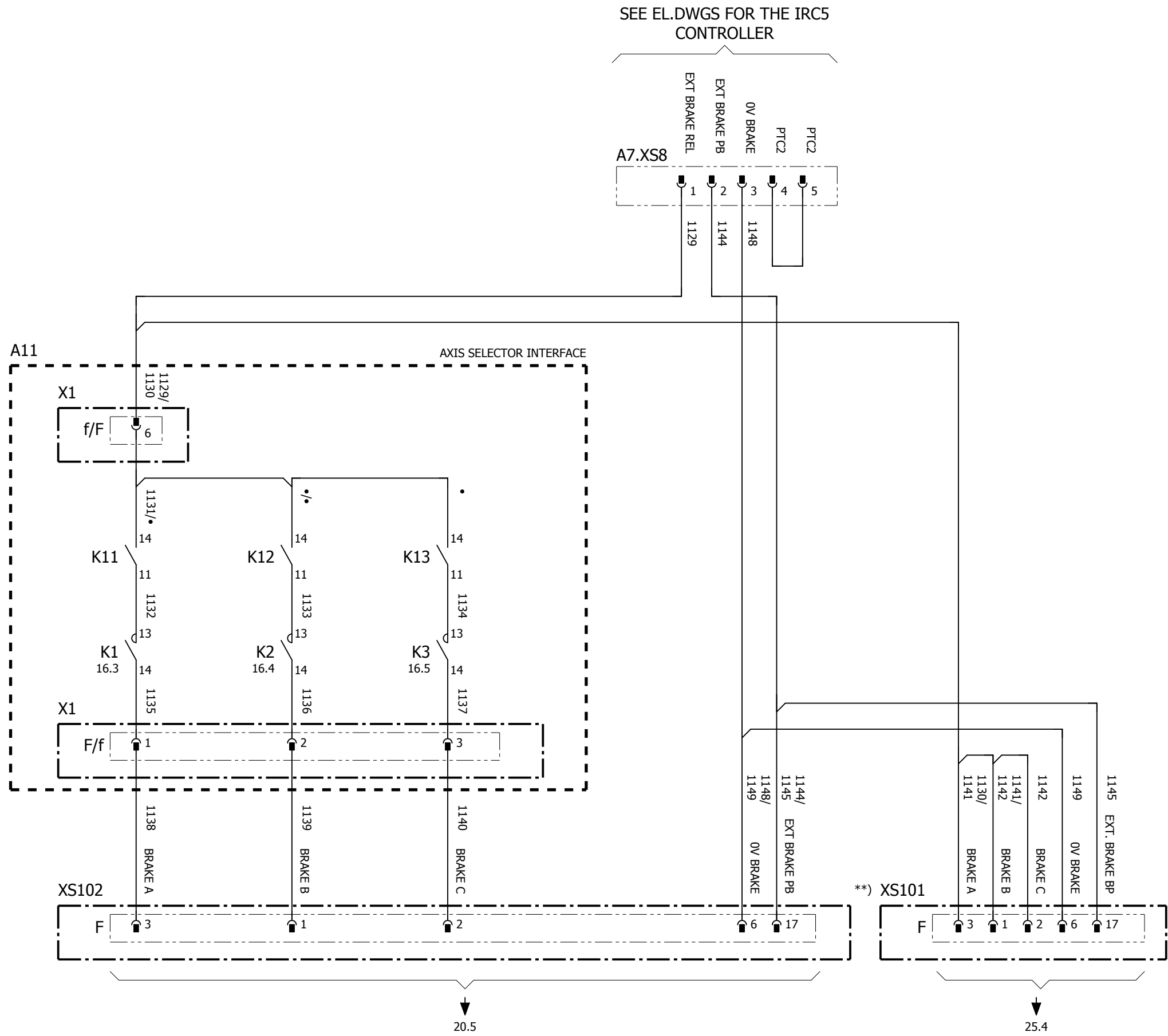
**MOTOR UNITS AND GEAR UNITS
AXIS SELECTOR, BRAKE SIGNALS
BEFORE RELEASE 14.1**

Status:
APPROVED

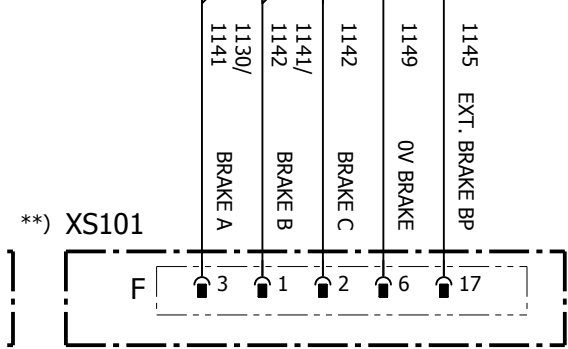
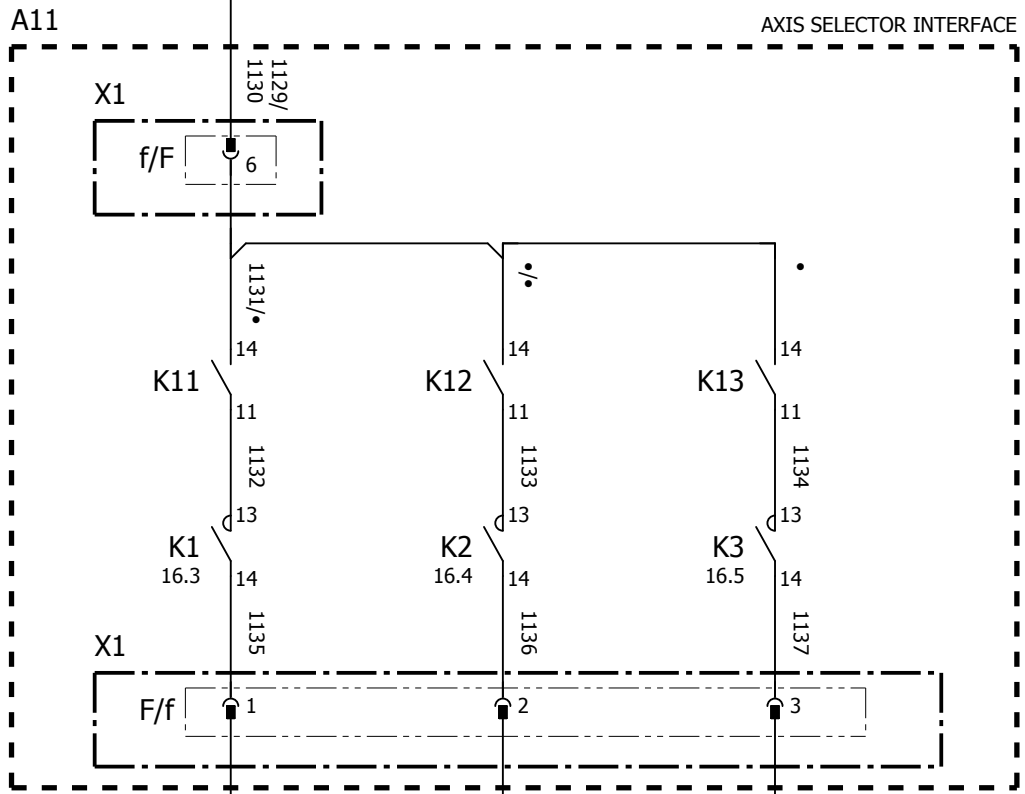
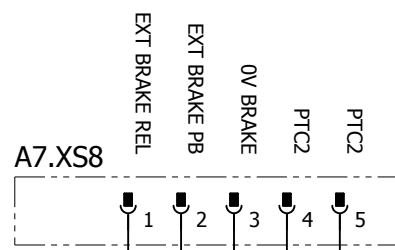
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Sublocation: +

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| Document no. | Rev. Ind | Page 17.a |
| 3HAC039887-001 | 06 | Next 17.b |
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SEE EL.DWGS FOR THE IRC5 CONTROLLER



***) SINGLE CONTROLLER OR DRIVE MODULE 1: CONNECTOR XS101 IF SCENARIO B.

CONNECTED WITH AWG18 BU, IF NO OTHER NOTATION

Latest revision:
Rev. 04: Page 17.b added.
Prepared by, date: JG, 2018-03-21
Approved by, date: MW, 2018-04-19



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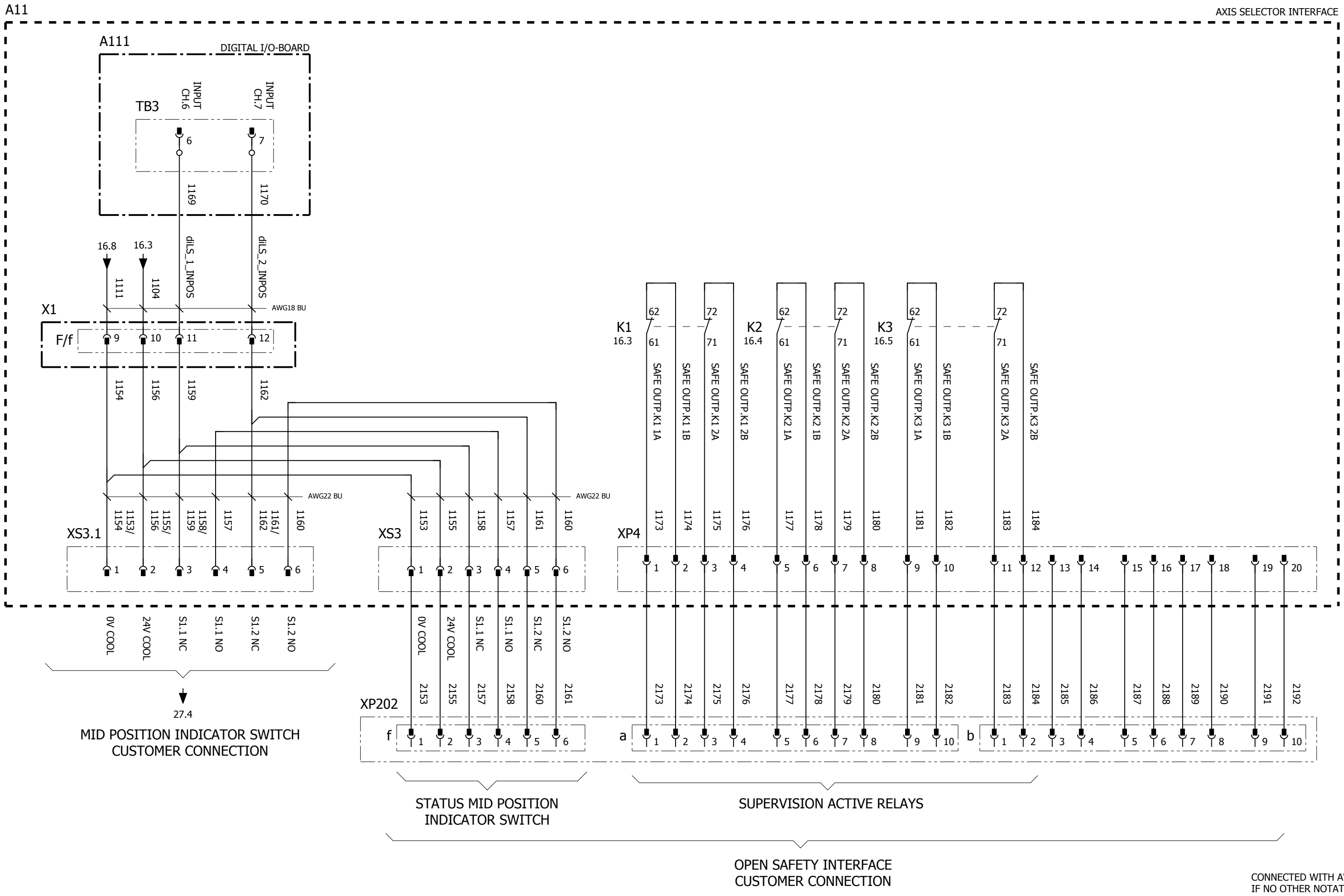
MOTOR UNITS AND GEAR UNITS
AXIS SELECTOR, BRAKE SIGNALS
RELEASE 14.1

Status:
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Plant: =
Location: +
Sublocation: +

Document no.
3HAC039887-001

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Next 18
Total 33



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Latest revision:
 Rev. 03:AWG22 BU was AWG20 BU(1-4).
 Prepared by, date: JG, 2018-03-21 Approved by, date: MW, 2018-04-19



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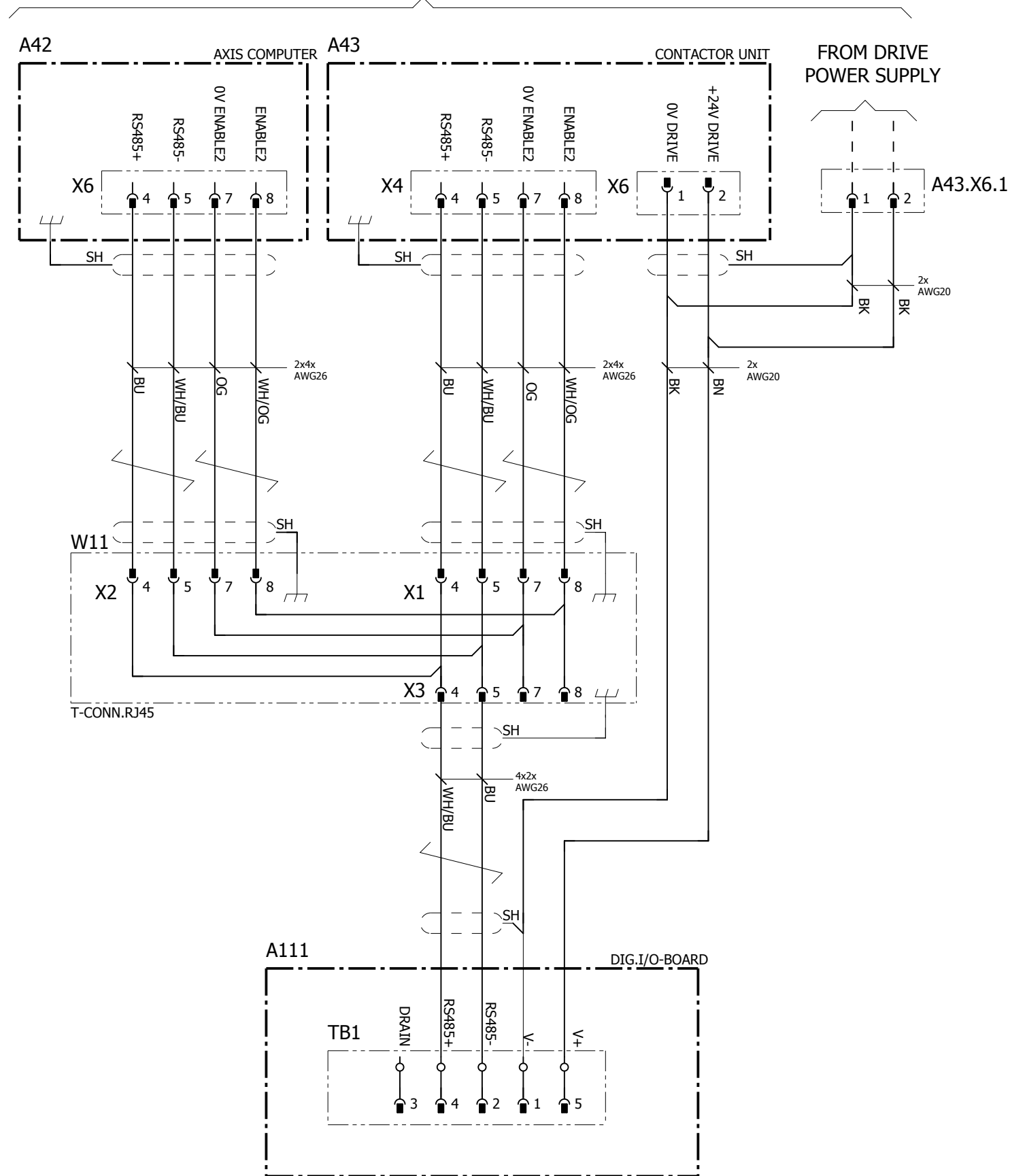
MOTOR UNITS AND GEAR UNITS
AXIS SELECTOR
SAFETY SIGNALS

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Latest revision:
 Rev.06: 2xAWG20 cable was 4x1mm², 2 jumper wires added to A43.X6.1.
 Prepared by, date: JG, 2018-03-21 | Approved by, date: MW, 2018-04-19



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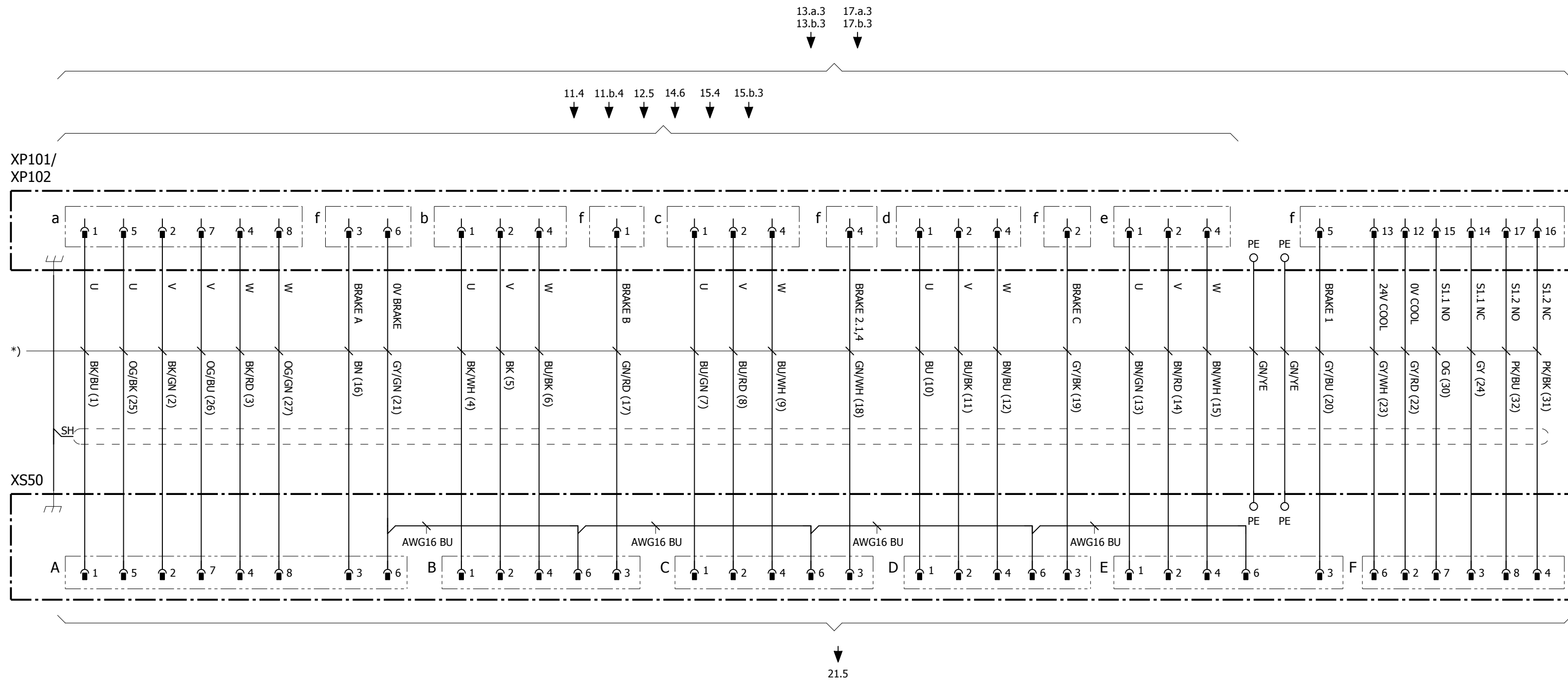
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 AXIS SELECTOR
 BUS CONNECTIONS

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*) CABLE: 3x0.75mm²+ 27x2.5mm² + 2x4mm² + 2x6mm²

Latest revision:
 Rev. 02: Connection XP101/XP102:a - XS50:A changed(1-2).
 Rev. 03: Brake 2.1,4 was Brake C. Brake C was Brake 2.2(5,6).
 Prepared by, date: JG, 2018-03-21 | Approved by, date: MW, 2018-04-19



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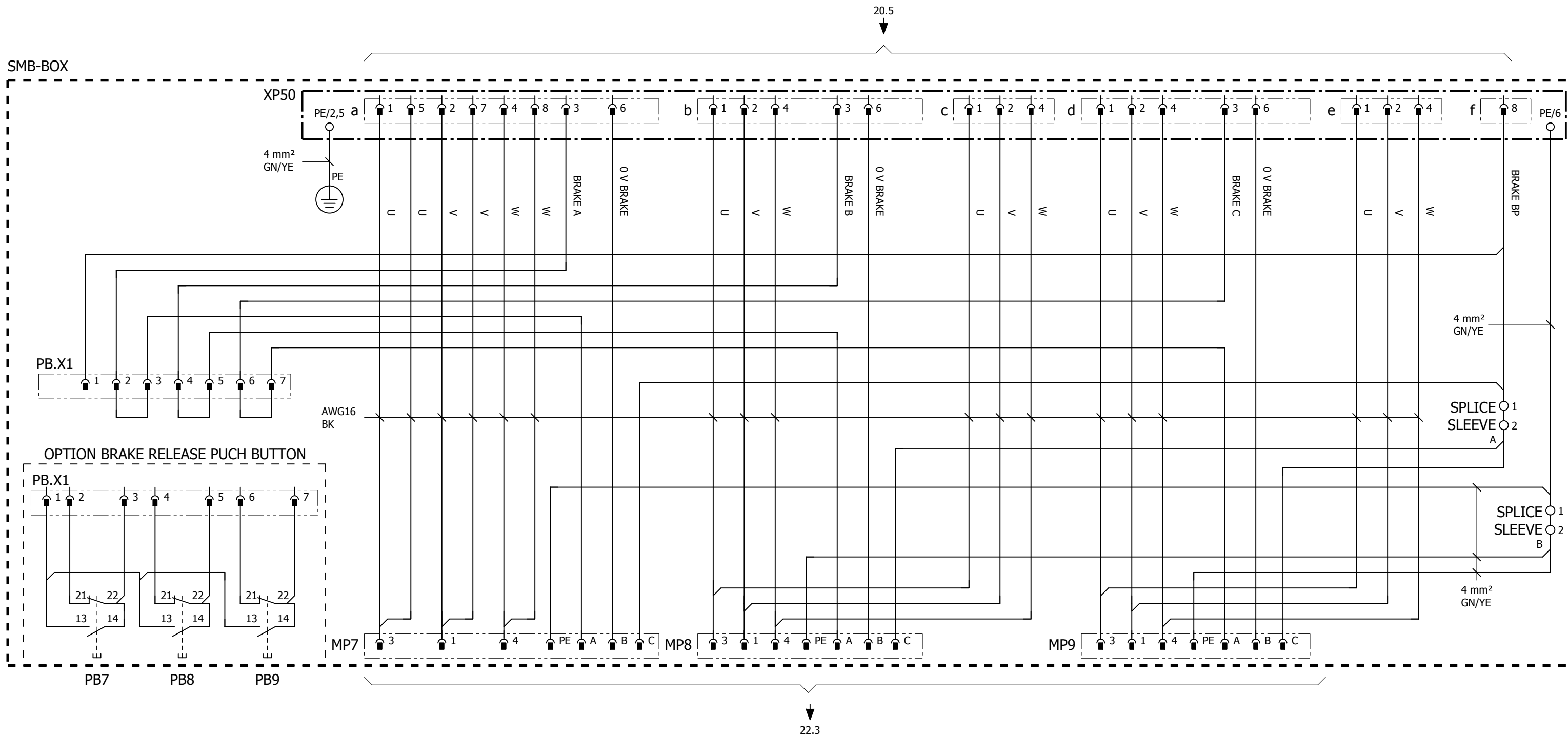
MOTOR UNITS AND GEAR UNITS
CABLE MOTOR POWER
IRC5 CONTROLLER TO SMB-BOX

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| Latest revision: | |
| Rev. 02: Connection XP50:a - MP7 changed(2-4). | |
| Prepared by, date: JG, 2018-03-21 | Approved by, date: MW, 2018-04-19 |

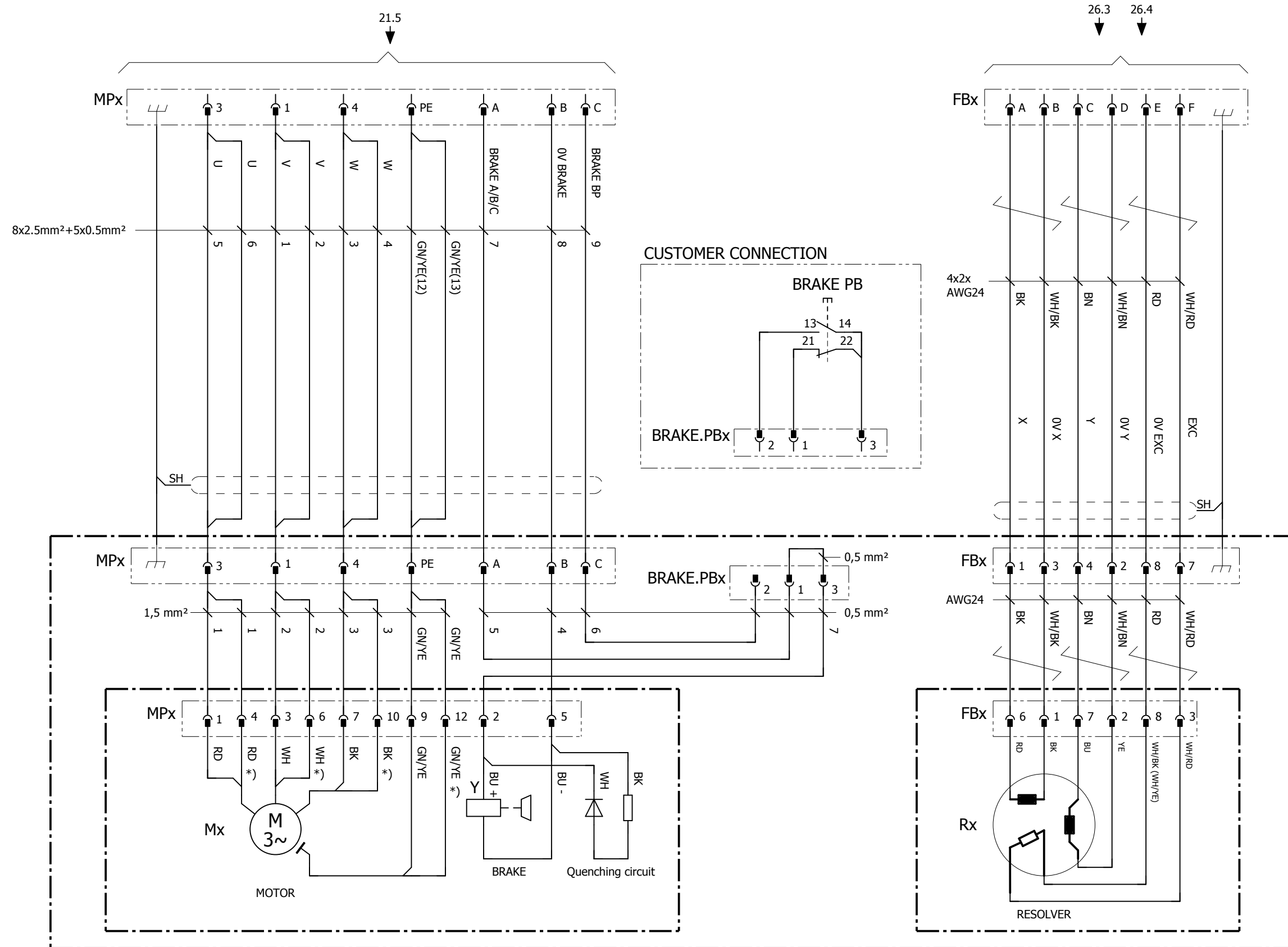


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MOTOR UNITS AND GEAR UNITS
SMB-BOX MOTOR POWER

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MOTOR UNITS OR GEAR UNITS

*) OMITTED IN MU100, MU200, MTD250, MTD500, MTD750, MTD2000, MID500 AND MID1000

Latest revision:
 Rev. 03: Wire No. 7 was 4. Wire No. 8 was 5. Wire No. 9 was 6(4).
 Rev. 05: Wire No. 1-6 changed connection in MPx (2-4).
 Prepared by, date: JG, 2018-03-21 Approved by, date: MW, 2018-04-19



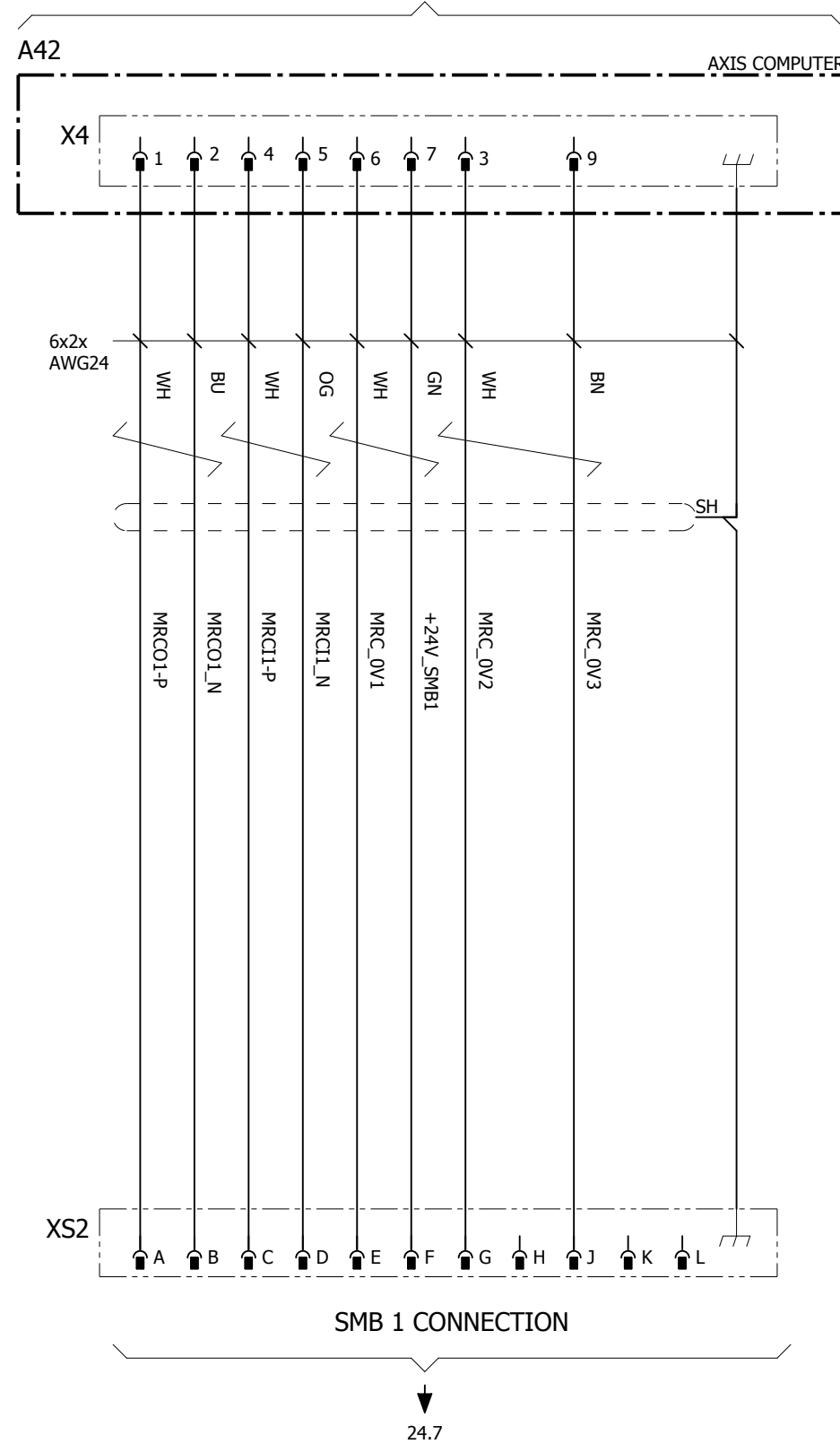
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MOTOR UNITS AND GEAR UNITS
 CABLE MOTOR POWER AND RESOLVER

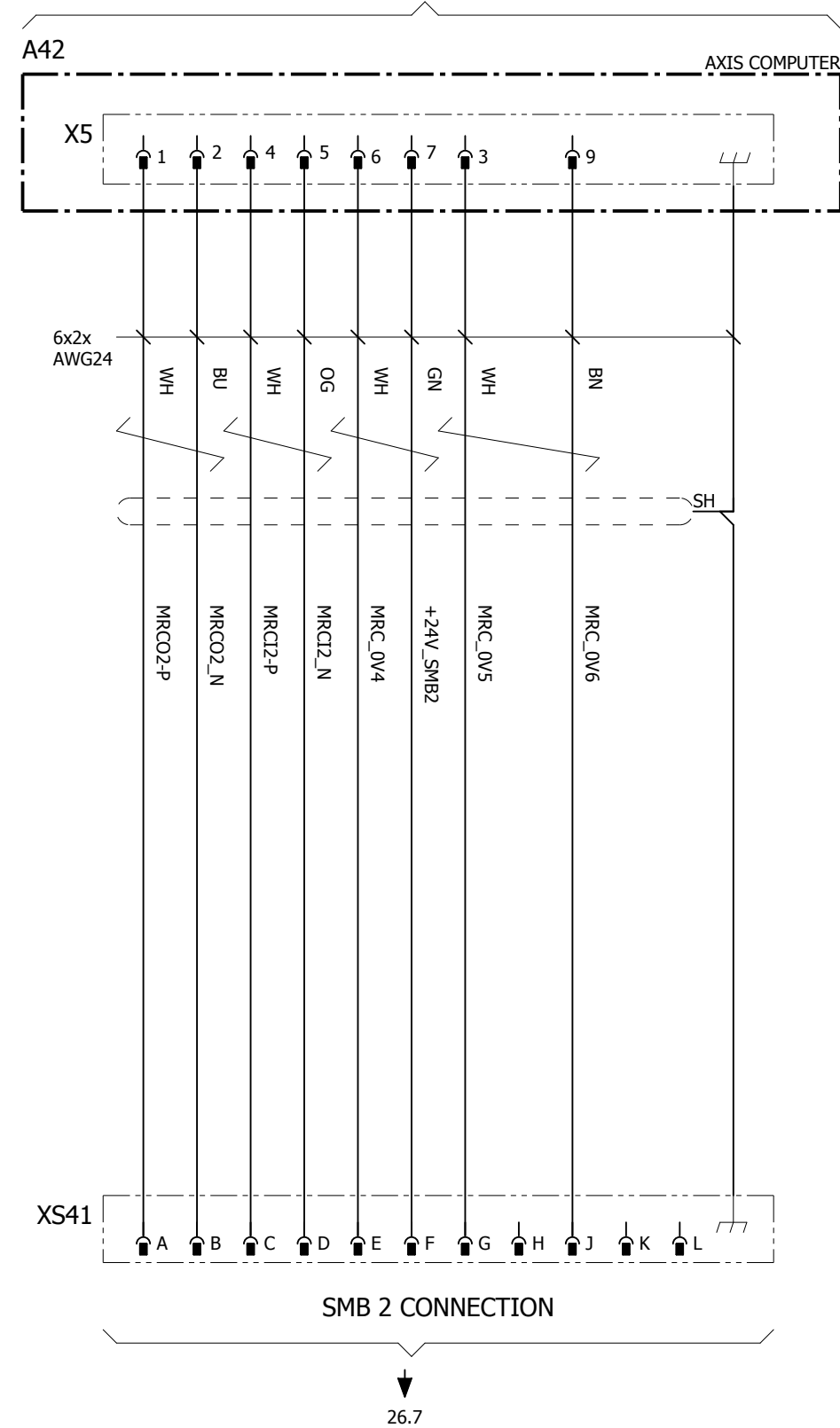
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CONTROLLER



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MOTOR UNITS AND GEAR UNITS
MEASUREMENT SYSTEM 1 AND 2

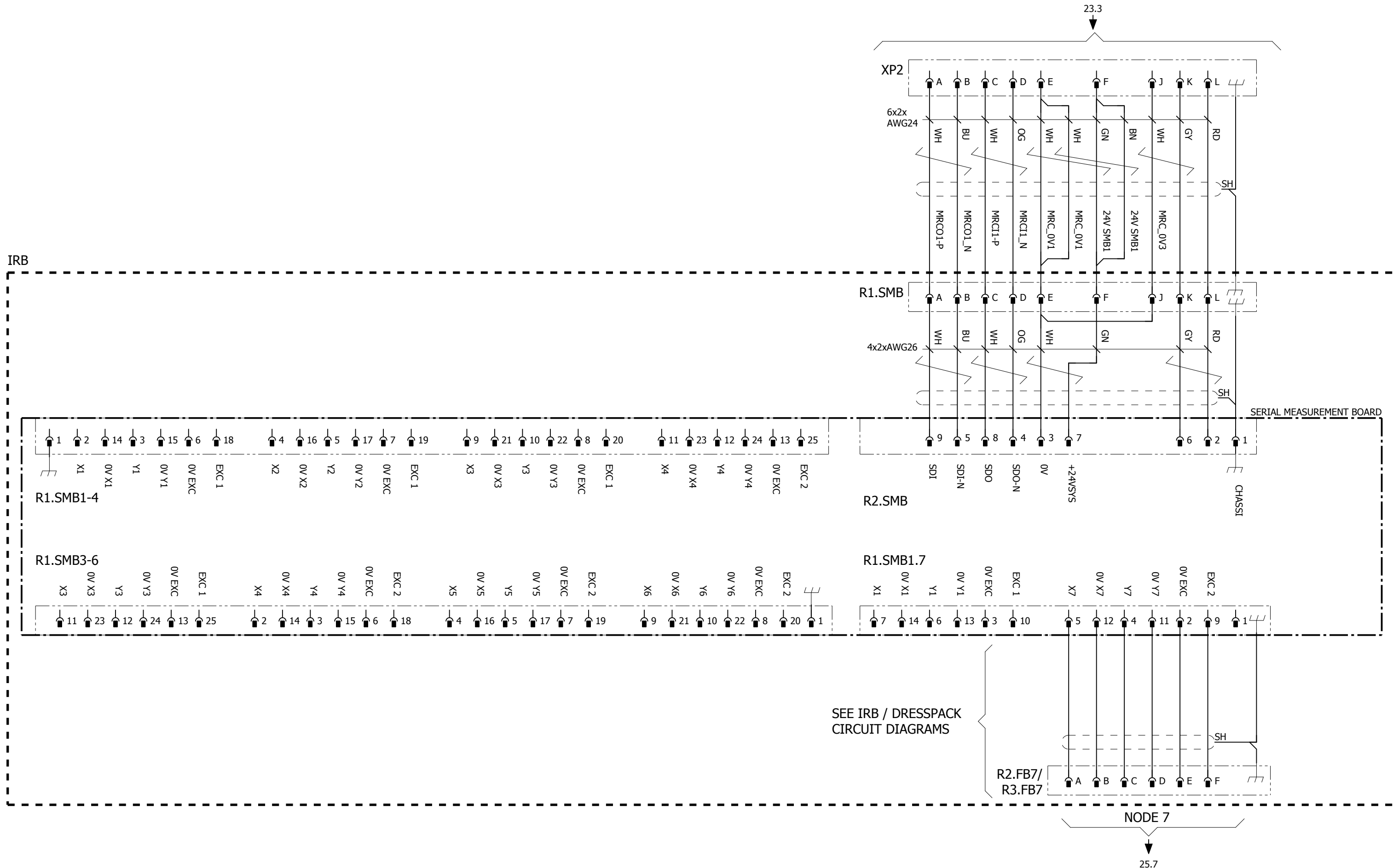
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MOTOR UNITS AND GEAR UNITS
IRB SERIAL MEASUREMENT BOARD
NODE 7

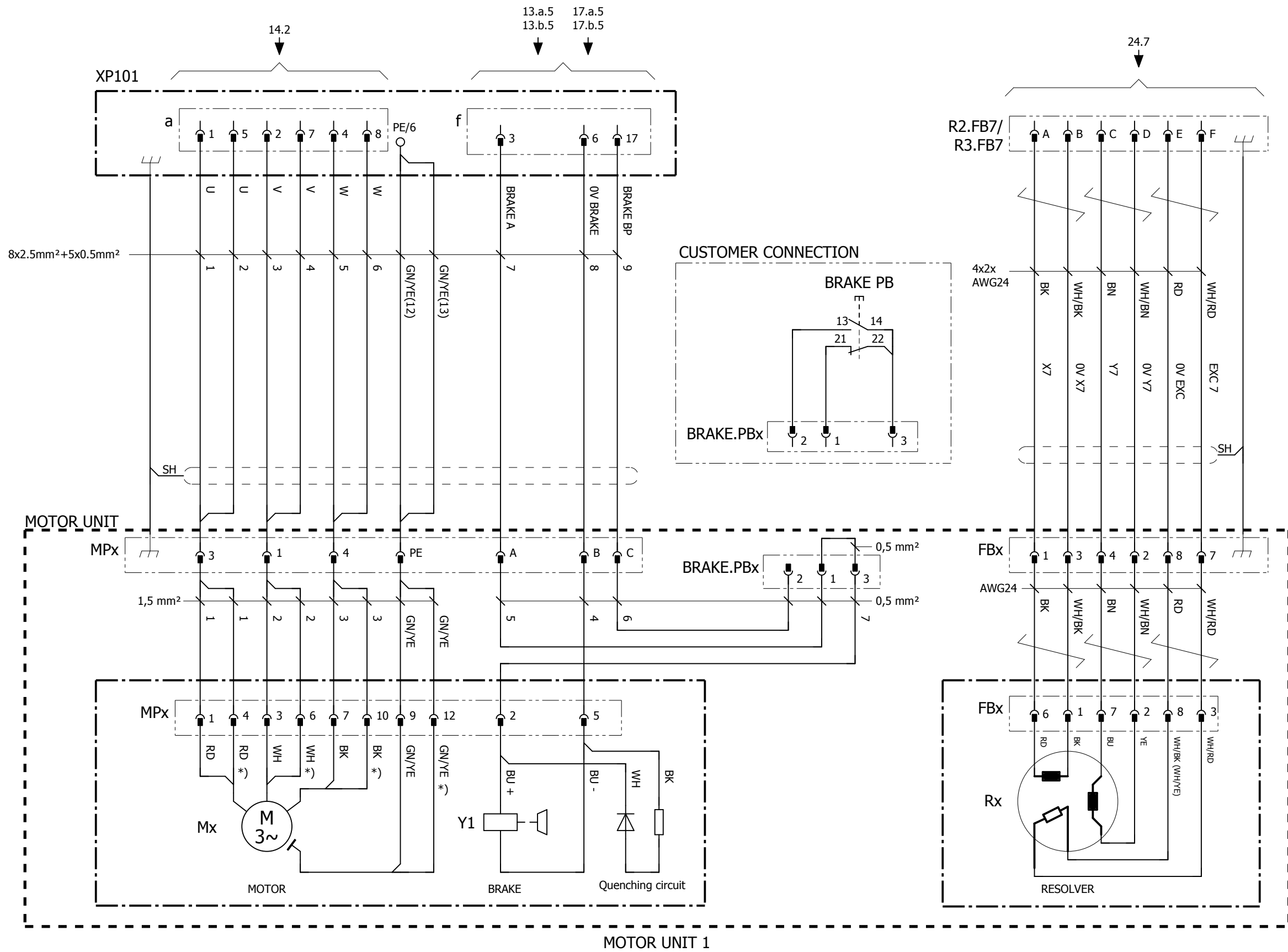
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*) OMITTED IN MU100 and MU200.

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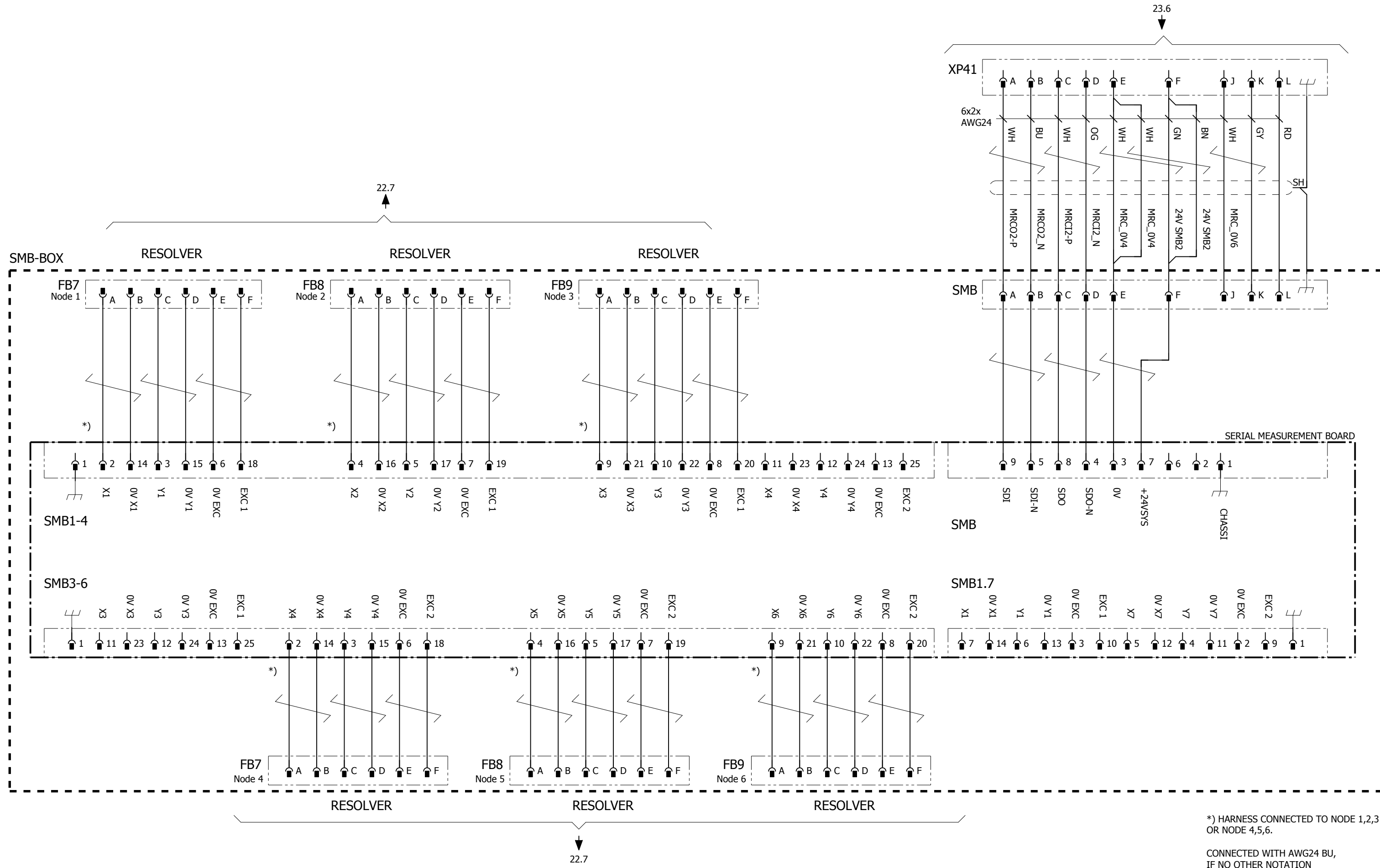
MOTOR UNITS AND GEAR UNITS
 MOTOR UNIT LEAN

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*) HARNESS CONNECTED TO NODE 1,2,3 OR NODE 4,5,6.

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MOTOR UNITS AND GEAR UNITS
 SMB-BOX SERIAL MEASUREMENT BOARD

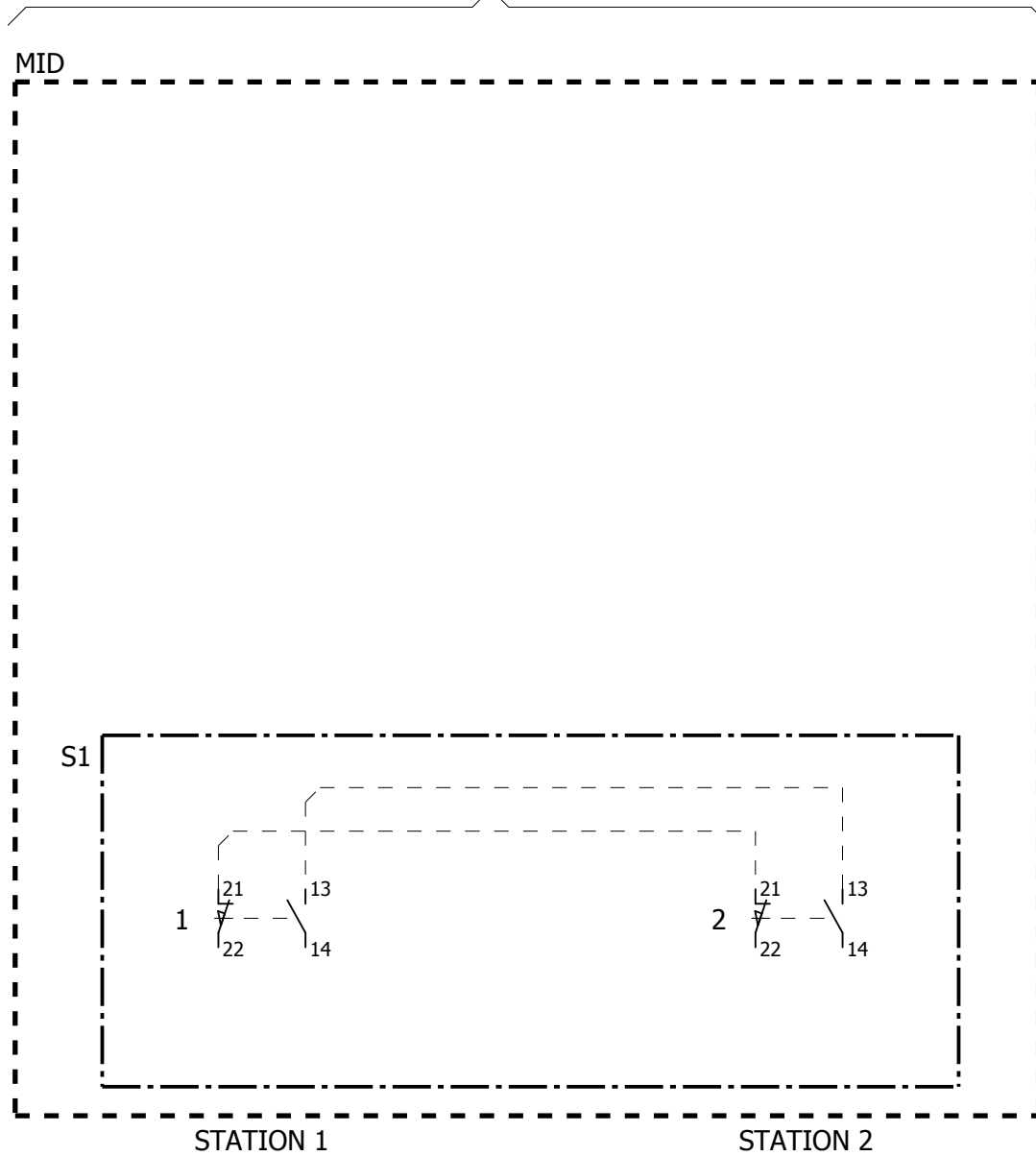
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MID POSITION INDICATOR SWITCH
CUSTOMER CONNECTION

18.2



MID POSITION INDICATOR SWITCH

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MID POSITION INDICATOR SWITCH

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