

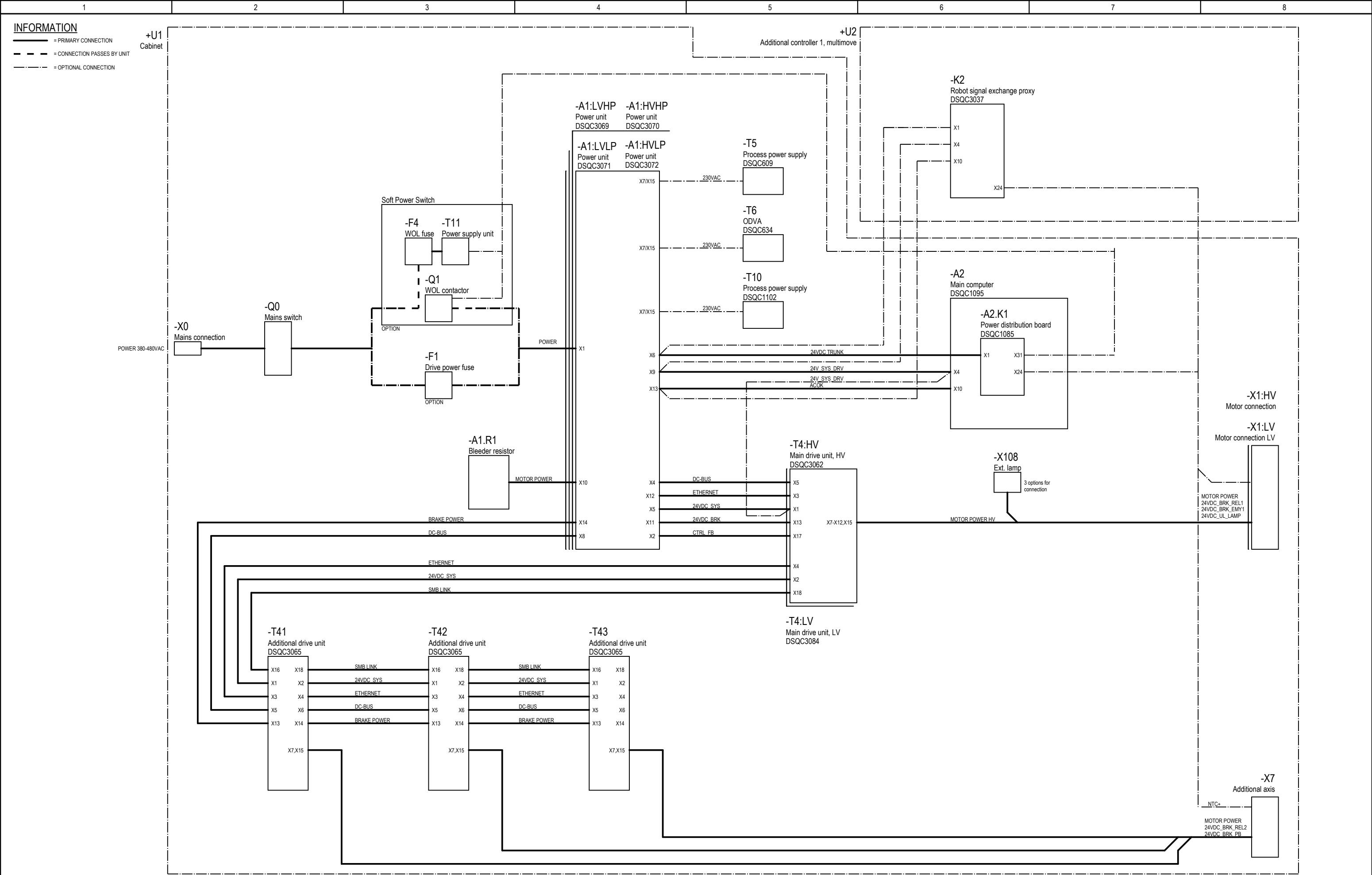


Customer :
Robot serial number(s) :
Drawing number : 3HAC074000-008
Drawing version : Rev 07

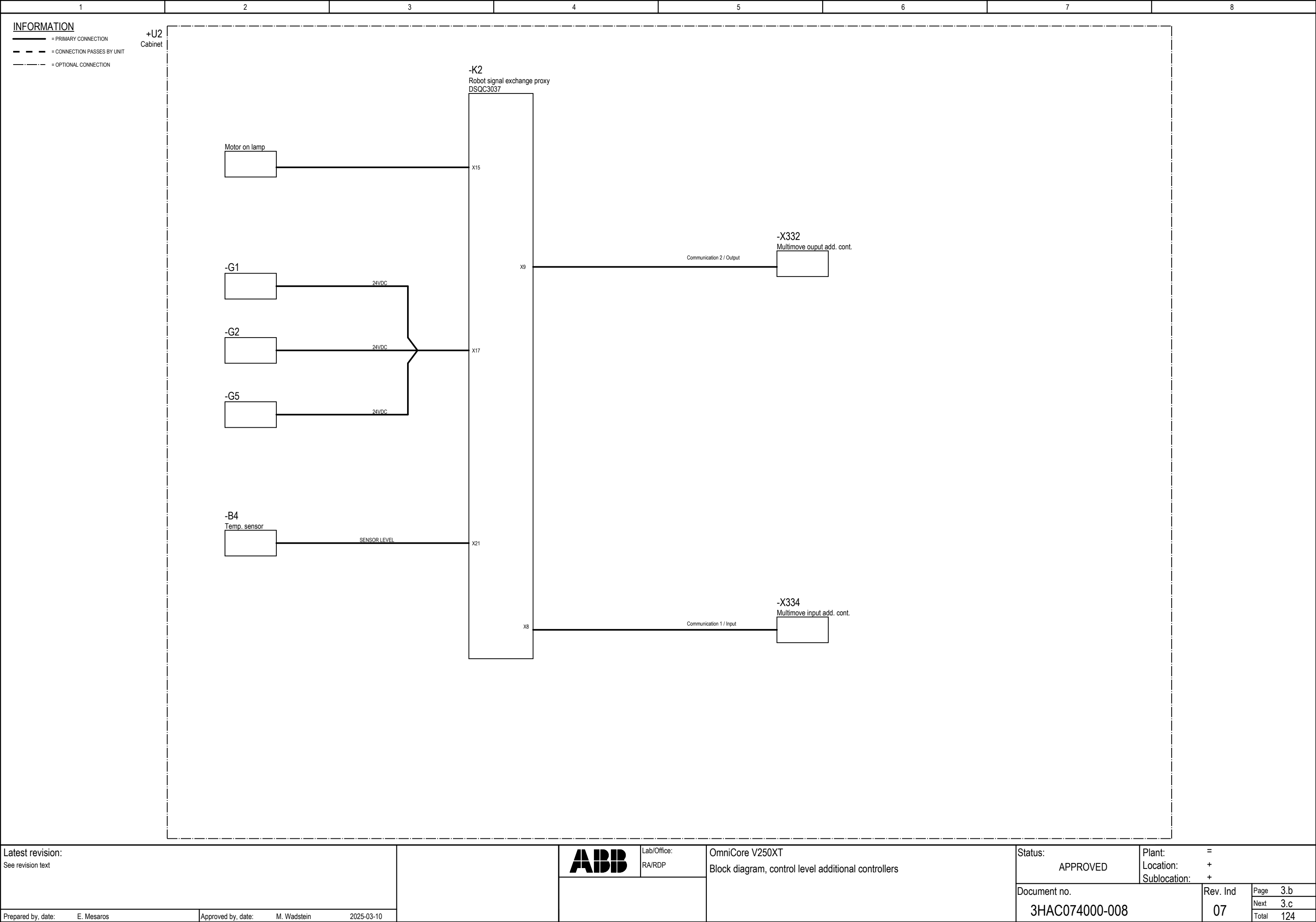
Manufacture : ABB Robotics SE
Type : Industrial robot controller
Type of installation : Floor
Control cabinet : OmniCore V250XT
Mains voltage :
Supply :
Control voltage :
Year of construction : 2023

Project start :
Project manager : Peter Jansson
Last revision :
Designed by : Erik Mesaros
Designed date : 2025-03-10
Number of pages : 125
:

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Latest revision: See revision text			Lab/Office: RA/RDP	OmniCore V250XT Block diagram, drive level	Status: APPROVED	Plant: Location: Sublocation:	=	+	+			
Prepared by, date: E. Mesaros		Approved by, date: M. Wadstein 2025-03-10		Document no. 3HAC074000-008		Rev. Ind 07		Page 3	Next 3.a			
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Graphical symbols according to IEC 60617.

Cable/wire information

=A1-W120

AWG8 BK

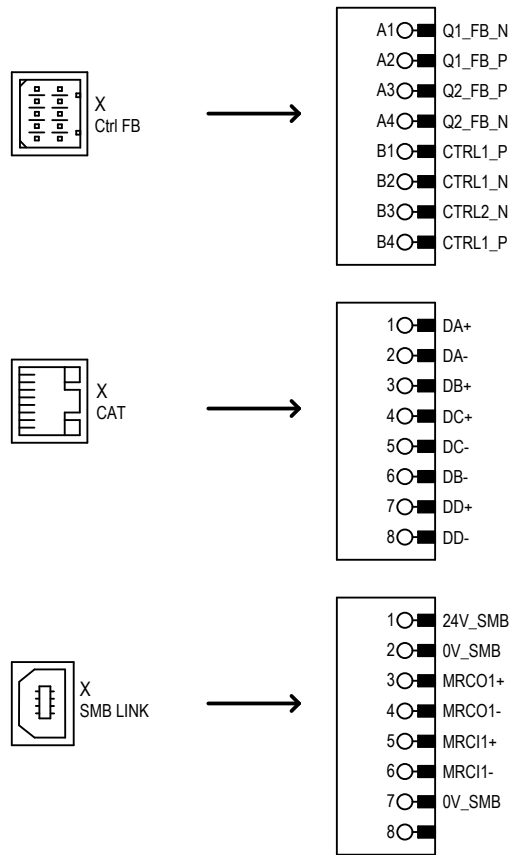
W = Wire/cable

A1 = Device

AWG8 = Wire size

BK = Wire colour

Triple-twisted conductors



Navigating this document

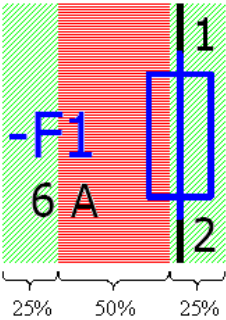
Jump sequence for "three-way" jumps
By default, "three-way" jumps are created at all components in the PDF on export:

When you click in the middle area of a main function, you jump to the device page.
When you click the middle area of the component for a cross-referenced auxiliary function, a jump occurs to the main function.
By clicking the left area of a component you jump forward in a jump sequence.
By clicking the right area of a component you jump backward in a jump sequence.
All representation types, placements, and report entries for a device are integrated into the jump sequence.
This is how you find out about the sequence in a jump sequence:

Click the visible DT or a representation type to display the data of the device.
The sequence of placements is displayed in the References area.
The sequence in the jump sequence corresponds to the displayed sequence of placements.

Tip:
To recognize the jump area at a component in the PDF, you click the component with the left mouse button and hold down the mouse button.
The respective jump area is temporarily shown as a selected area in the PDF. You can then move the mouse pointer if you do not wish to perform the jump.

Example:
The following figure shows a "three-way" jump at a safety fuse -F1.



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Approved by, date: M. Wadstein 2025-03-10



Lab/Office:
RA/RDP

OmniCore V250XT
Symbol information

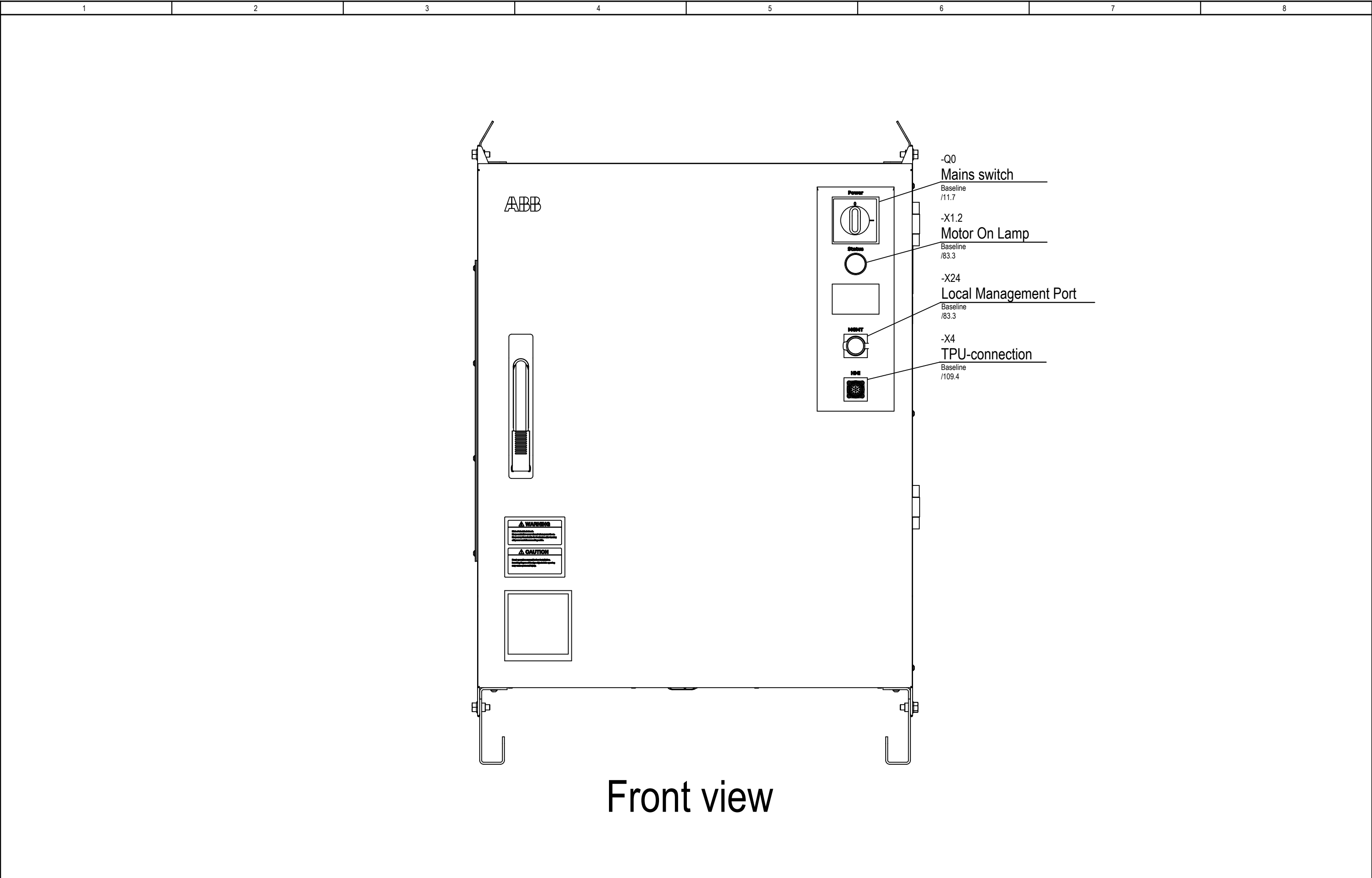
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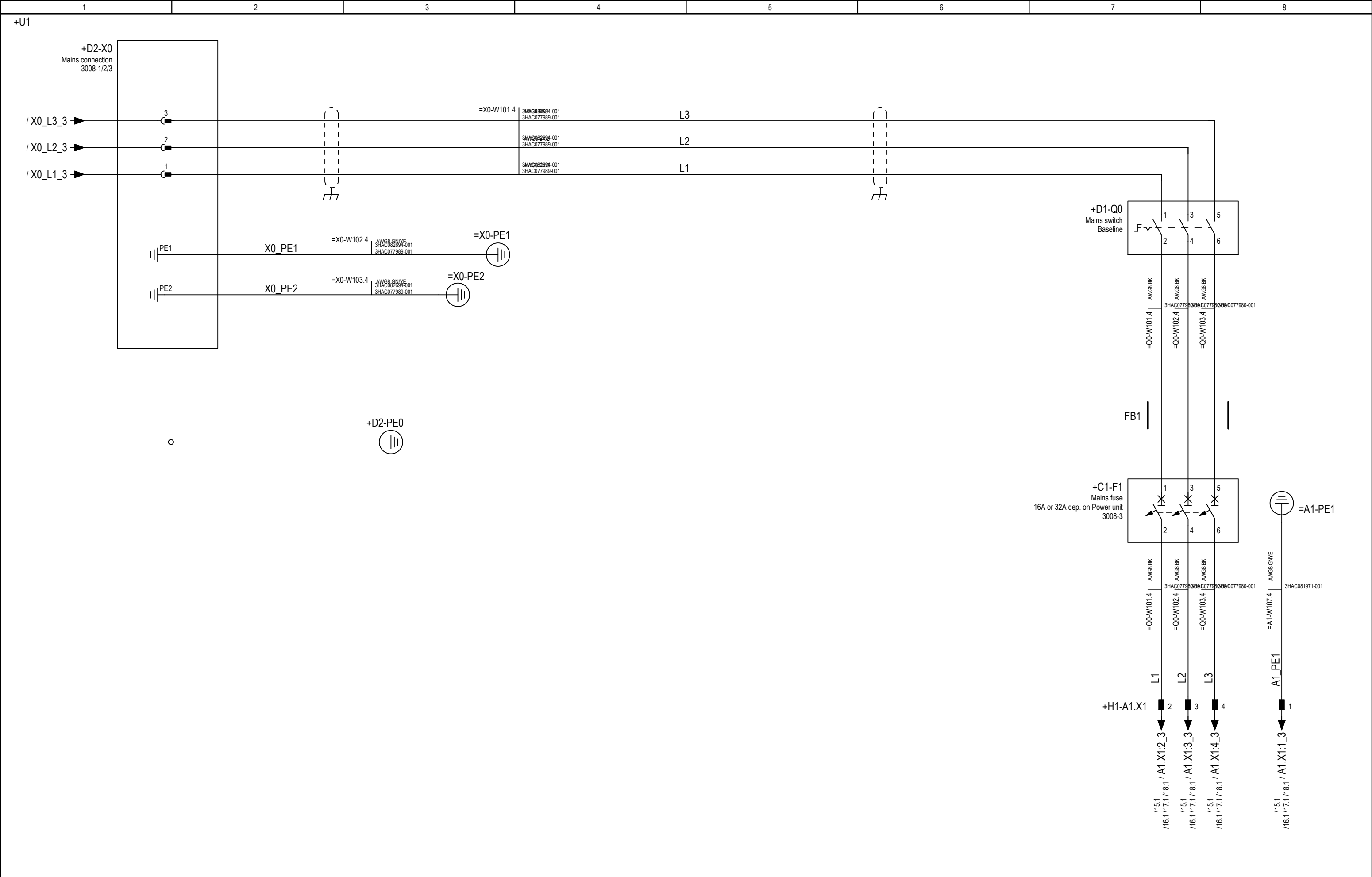
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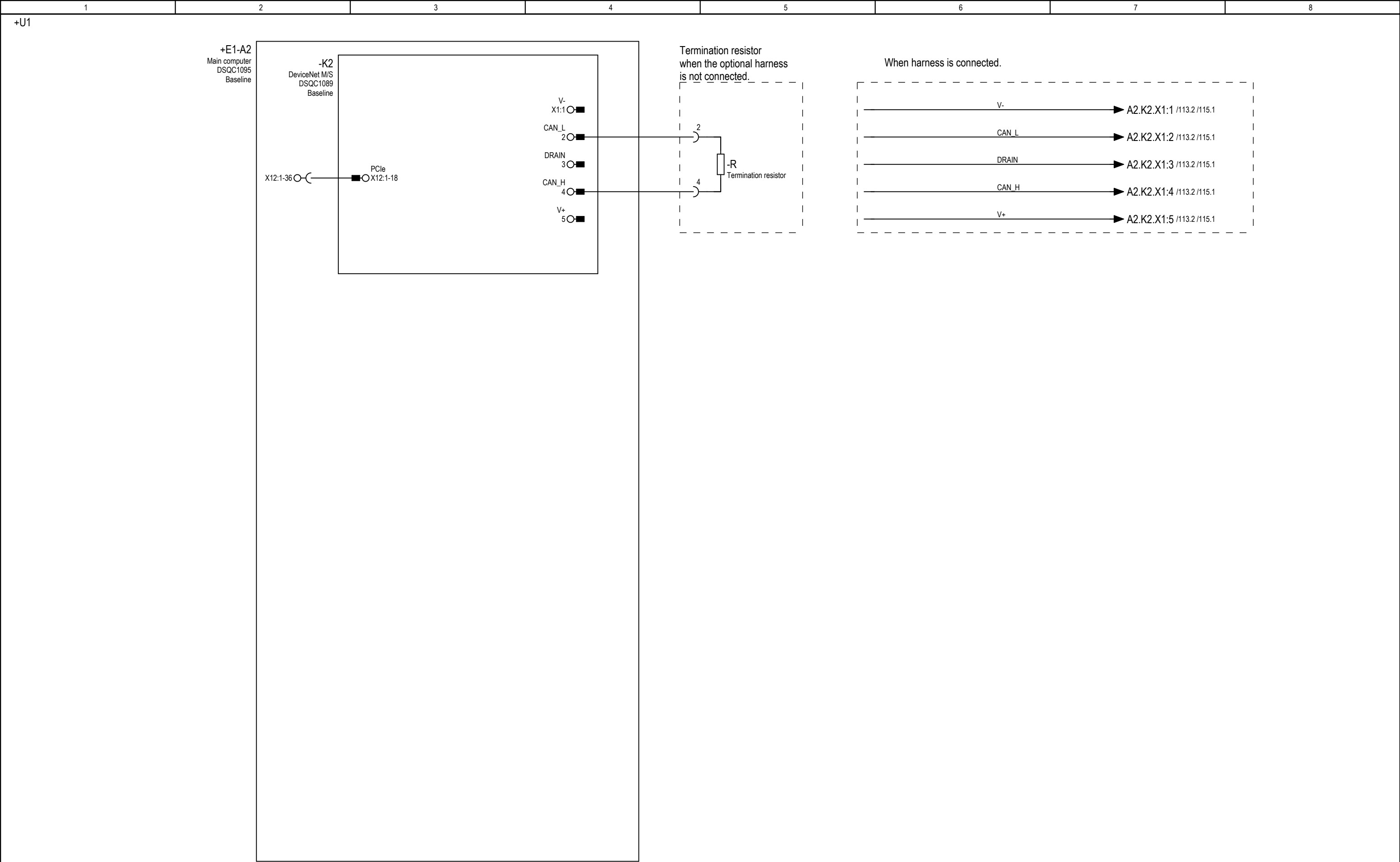
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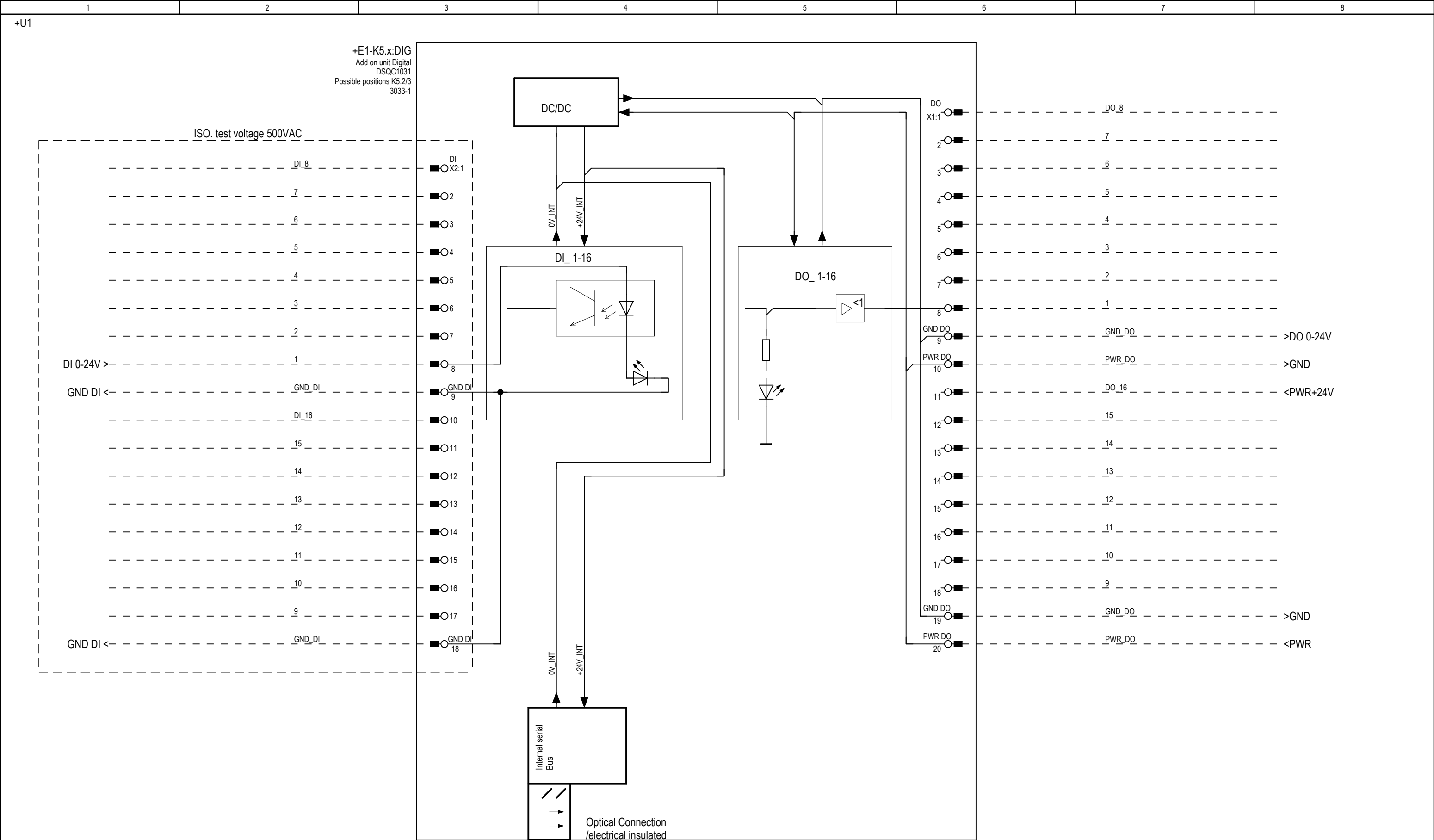
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