



SEW
EURODRIVE

Revision



MOVIAXIS® Multi-Axis Servo Inverter
Changes to the wiring specification for DC 24 V



Revision for MOVIAXIS® MXM80A Master Module

Changes to the accessories package

1 Revision for MOVIAXIS® MXM80A Master Module



INFORMATION

This revision describes important changes to the wiring of the DC 24 V supply of the MOVIAXIS® MXM80A master module.

The revisions apply to the following publications:

- "MOVIAXIS® Multi-Axis Servo Inverter" operating instructions (part number 19305214, edition 08/2011)
- "MOVIAXIS® Multi-Axis Servo Inverter" system manual (part number 17093228, edition 05/2011)
- "MOVIAXIS® Multi-Axis Servo Inverter" compact operating instructions (part number 19308426, edition 08/2011)

This document does not replace the listed operating instructions or system manual or compact operating instructions.

1.1 Changes to the accessories package

In the accessories package (18210864) for MOVIAXIS® MXM80A, the connector part "complete, DC 24 V (part number 18211755)" is replaced by the individual connector part "complete, 4-pole BK24V (part number 18202527)".



1.2 Changed DC 24 V wiring



STOP

As of now, the DC 24 V supply of the MOVIAxis® axis system via the MXM80A master module must be wired according to the new wiring method.

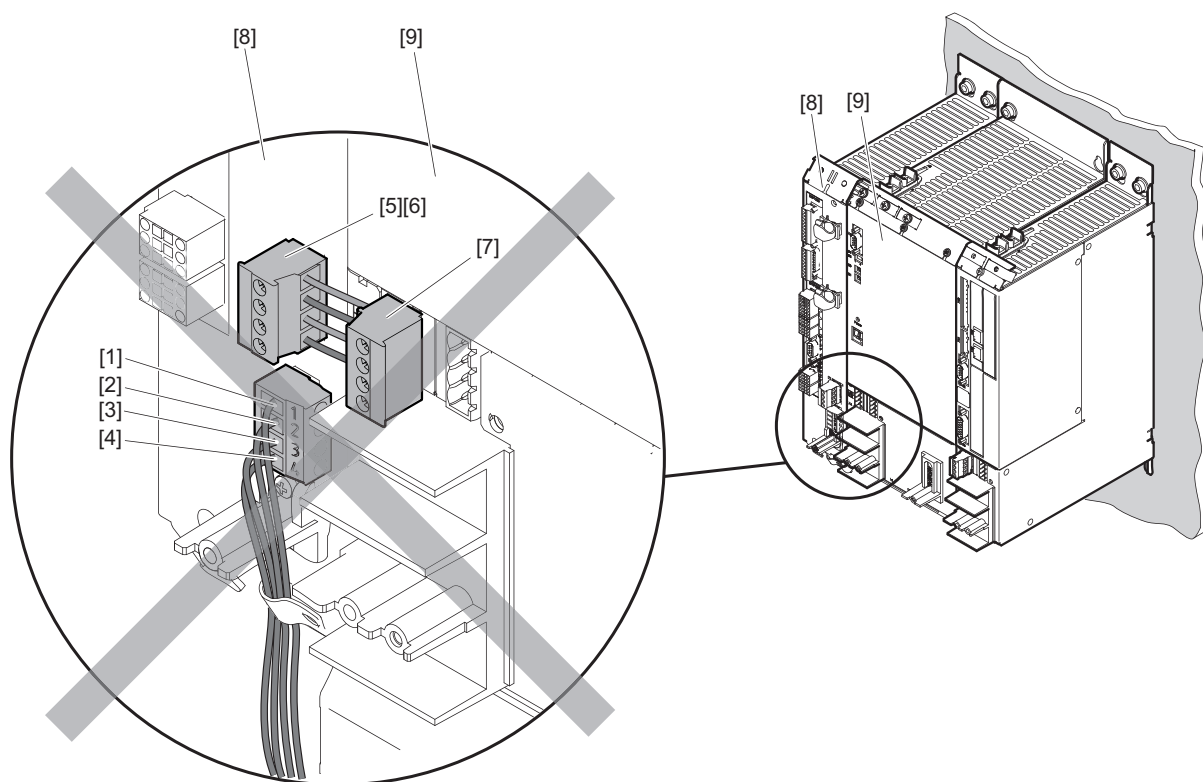
1.2.1 No longer valid: Previous wiring specifications

The customer had to make the following connections at the X5a port of the master module [8]:

- Terminals 1 [1] and 2 [2] for DC 24 V electronics supply
- Terminals 3 [3] and 4 [4] for the DC 24 V brake supply

The DC 24 V supply for brake and electronics was then looped through from port X5b [6] of the master module [8] to the next module [9] using the connector part [5] of the accessories package (part number 18211755, system manual page 58).

A total of 4 wires had to be connected for the DC 24 V supply, see following figure.



6099026571



Revision for MOVIAXIS® MXM80A Master Module Changed DC 24 V wiring

1.2.2 Valid as of now: New wiring specifications

The customer has to make the following connections at the X5a port of the master module [3]:

- Terminals 1 [1] and 2 [2] for DC 24 V electronics supply

The customer then has to make the following connections at the X5a port of the next module on the right from the master module:

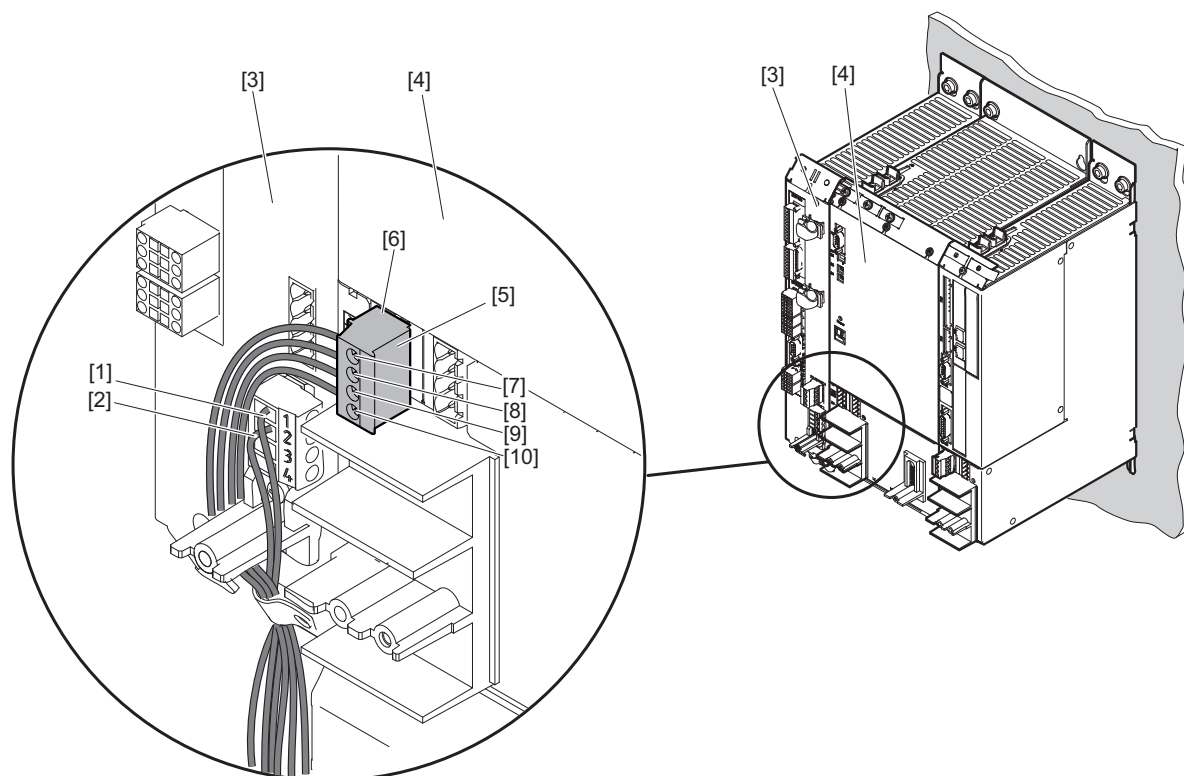
- Terminals 1 [7] and 2 [8] for DC 24 V electronics supply
- Terminals 3 [9] and 4 [10] for the DC 24 V brake supply

The accessories package 18210864 of the MOVIAXIS® master module contains an additional connector [5] "complete, 4-pole BK24V (part number 18202527)" for this purpose. This connector is plugged into plug-in position X5A [6] of the next module [4].

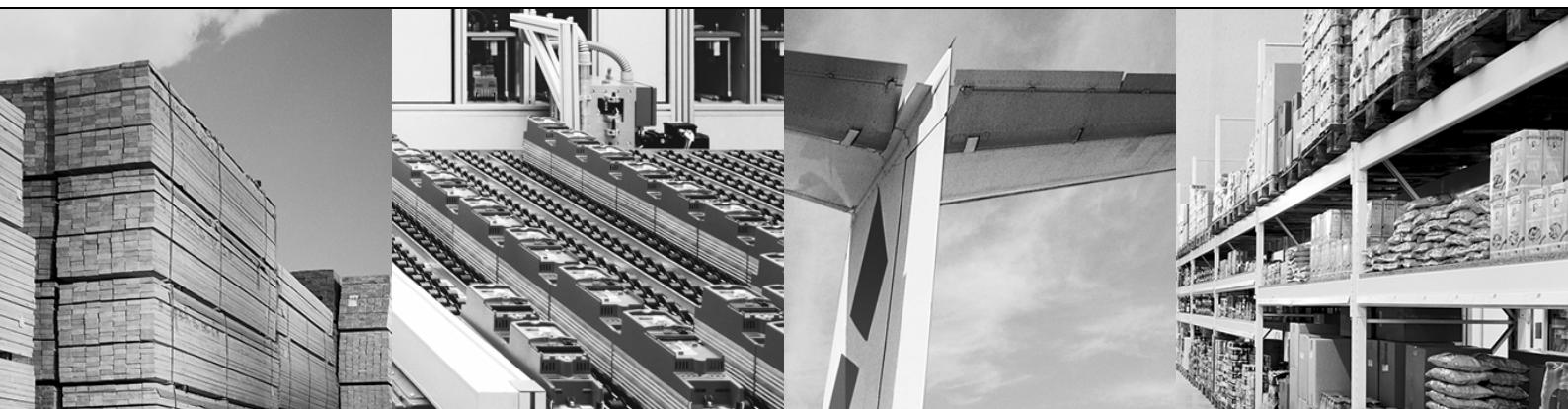
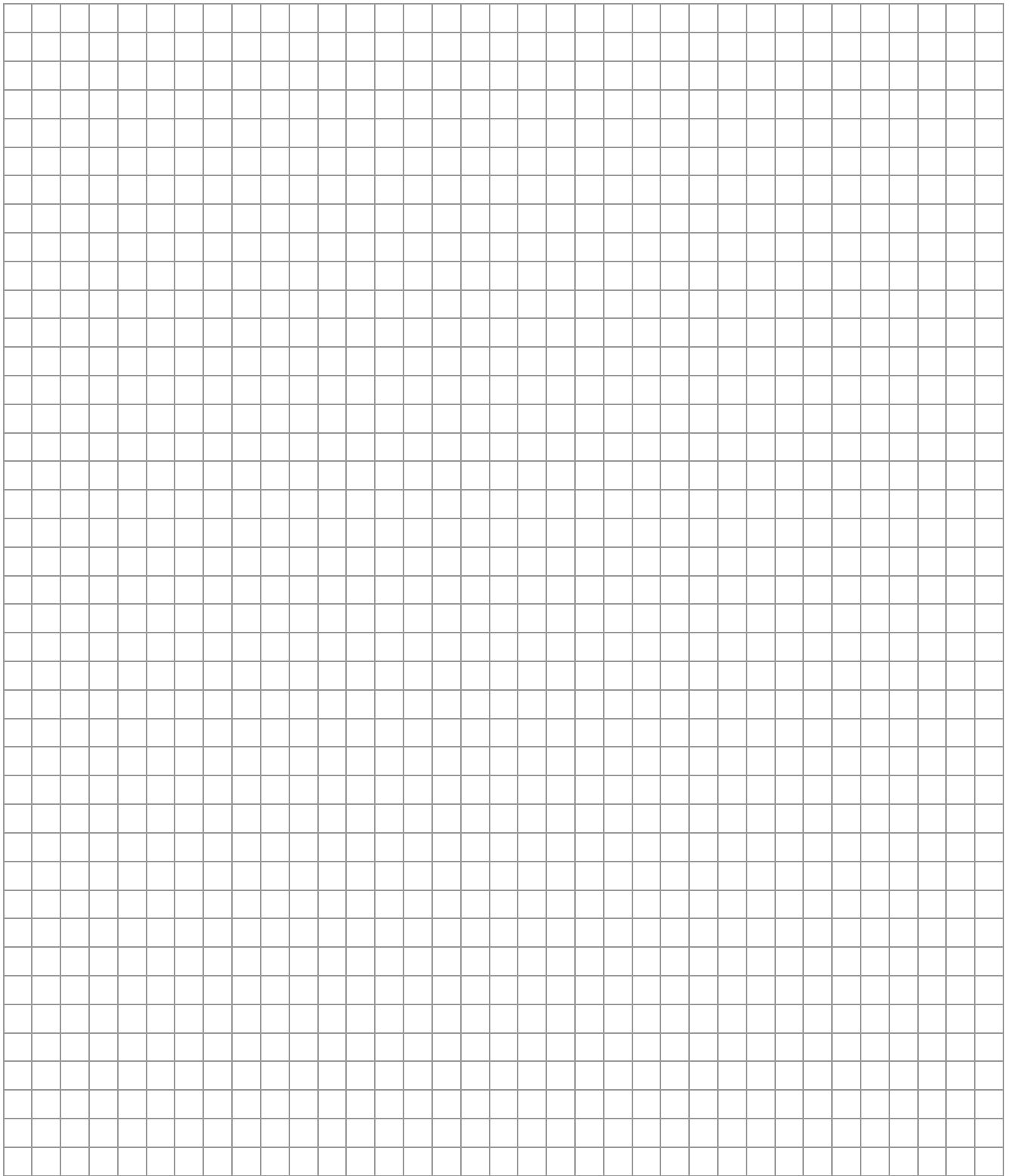
→ In comparison with the previous wiring method, we now have a separate wiring of the master module with 2 wires in addition, and a connection of the downstream modules with 4 more wires. This means a total of 6 wires must be connected externally for the DC 24 V supply. It is not permitted to jumper the wires.

→ The new wiring instruction applies also to dual-bus electronics and brake supply.

The following figure shows the new, correct wiring method:



6093461899





SEW-EURODRIVE
Driving the world

SEW
EURODRIVE

SEW-EURODRIVE GmbH & Co KG
P.O. Box 3023
D-76642 Bruchsal/Germany
Phone +49 7251 75-0
Fax +49 7251 75-1970
sew@sew-eurodrive.com

→ www.sew-eurodrive.com