

1 Mettre hors tension

400V

2 **ATTENTION**

Tensions dangereuses. Risque de choc électrique.

Blessures graves ou mortelles.

- Attendre minimum 10 minutes.

3 Retirer le couvercle électronique

4 Comparer la plaque signalétique

i INFORMATION! Exemple d'identification!

Ancien: MGx2-503-SNI-B-00-A
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Nouveau: MGx2-503-SNI-B-00-A

5 Relever la position des DIP switch

i INFORMATION! Exemple!

6 Remettre l'option GIO

i INFORMATION! Couple de serrage 1.4 – 1.6 Nm!

Ancien couvercle électronique Nouveau couvercle électronique

7 Installer le couvercle électronique

i INFORMATION! Couple de serrage 6 Nm!

8 Mettre sous tension

400V

Attendre min. 2 minutes

9 Contrôler l'état des LED

i INFORMATION! Ne pas mettre hors tension pendant le temps d'attente!

NET RUN DRIVE

Etat souhaité:

- [1] NET: Clignote vert/orange
- [2] RUN: Allumée vert
- [3] DRIVE: Clignote vert (no enable) ou allumée jaune (verrouillage variateur)

1 Safety Notes

The following basic safety notes are intended to prevent injury to persons and damage to property. The operator must make sure that the basic safety notes are read and observed. Ensure that persons responsible for the system and its operation as well as persons who work independently on the unit have read through the system manual carefully and understood it. If you are unclear about any of the information in this documentation, or if you require further information, please contact SEW-EURODRIVE.

1.1 General information

Never install or startup damaged products. In the event of damage, submit a complaint to the shipping company immediately.

During operation, MOVIGEAR® drive units and accessories can have live, bare and movable or rotating parts as well as hot surfaces, depending on their enclosure.

Removing required covers improperly or unnecessarily, improper use, incorrect installation or operation may result in severe damage to property or injuries.

Consult the documentation for additional information.

1.2 Target group

Only **qualified electricians** can perform installation, startup, fault repair and servicing (observe IEC 60364 or CENELEC HD 384 or DIN VDE 0100 and IEC 60664 or DIN VDE 0110 as well as national accident prevention regulations).

Qualified electricians in the context of these basic safety notes are persons familiar with installation, assembly, startup and operation of the product who possess the required qualifications.

All activity in the other areas of transportation, storage, operation, and disposal must be carried out by persons who are appropriately trained.

1.3 Designated use

MOVIGEAR® drive units and accessories are components intended for installation in electrical systems or machines.

When installed in machines, startup of the MOVIGEAR® drive units (i.e. start of designated operation) is prohibited until it is determined that the machine meets the requirements stipulated in EC directive 98/37/EC (Machine directive).

Startup (i.e. the start of designated use) is only permitted under observance of the EMC (2004/108/EC) directive.

MOVIGEAR® drive units and accessories comply with the requirements of the Low Voltage Directive 2006/95/EC. The standards contained in the declaration of conformity are used for MOVIGEAR® drive units and accessories.

Technical data and information on the connection requirements are provided on the nameplate and in the documentation; these must be observed under all circumstances.

1.3.1 Safety functions

MOVIGEAR® drive units are not allowed to take on any safety functions.

1.3.2 Hoist applications and inclining tracks

MOVIGEAR® drive units may generally not be used for hoist applications.

MOVIGEAR® drive units can only be used for inclining tracks after the operator performs a risk analysis. For further information, consult the information in the documentation.

1.4 Transportation, storage

You must observe the notes in the documentation on transportation, storage and proper handling. Use suitable, sufficiently rated handling equipment (e.g. rope guide) if necessary. Do not attach any additional loads. Observe climatic conditions in accordance with the documentation.

1.5 Installation

The units must be installed and cooled according to the regulations and specifications in the relevant documentation.

Protect MOVIGEAR® drive units and accessories from excessive strain.

The following applications are prohibited unless the unit is explicitly designed for such use:

- Use in potentially explosive areas
- Use in areas exposed to harmful oils, acids, gases, vapors, dust, radiation, etc.
- Use in non-stationary applications that are subject to strong mechanical vibration and shock loads, in accordance with the documentation of the MOVIGEAR® drive units

1.6 Electrical connection

Do not work on live MOVIGEAR® drive units or accessories.

Electrical installation must be carried out according to pertinent regulations (e.g., cable cross-sections, fusing, protective conductor connection). Additional information is contained in the documentation.

You will find notes on EMC-compliant installation, such as shielding, grounding, arrangement of filters and routing of lines, in the documentation of the MOVIGEAR® drive units. The manufacturer of the system or machine is responsible for maintaining the limits established by EMC legislation.

Protective measures and protection devices must comply with the regulations in force (e.g. EN 60204 or EN 61800-5-1).

1.7 Safe disconnection

MOVIGEAR® drive units and accessories meet all requirements for safe disconnection of power and electronic connections in accordance with EN 61800-5-1. To ensure safe disconnection, all connected circuits must also satisfy the requirements for safe disconnection.

1.8 Operation

Systems with integrated MOVIGEAR® drive units and accessories must be equipped with additional monitoring and protection devices, if necessary, according to the applicable safety guidelines, such as laws governing technical equipment, accident prevention regulations, etc. Additional protective measures may be necessary for applications with

increased potential risk. Changes to MOVIGEAR® drive units using the operating software are permitted.

Do not touch live components or power connections immediately after disconnecting MOVIGEAR® drive units or accessories from the supply voltage because there may still be some charged capacitors. Wait at least 10 minutes after the supply voltage is switched off.

As soon as MOVIGEAR® drive units and accessories are live, the terminal boxes must be closed and screwed on.

The unit may still be live and connected to the mains, even if the operation LEDs and other display elements are no longer illuminated.

Mechanical blocking or internal safety functions of the unit can cause a motor standstill. Eliminating the cause of the problem or performing a reset can result in the drive re-starting automatically. If, for safety reasons, this is not permitted for the driven machine, disconnect the unit from the mains before correcting the fault.

Caution – Danger of burns: The surfaces of MOVIGEAR® drive units and accessories may exceed 60 °C during operation.