

## Subject

Safedrive ELEKTROMATEN® SI with new sensors

## Description

### Technical improvement

As part of the implementation of the ELEKTROMATEN 4.0, some drives from the SG85F (1) and SG115F (2) series are equipped with a new sensor. First of all, the sensor (3) will provide notification of when the integrated safety brake (4) has activated. In addition, the measurement of the oil temperature in the gearbox is planned for the future.

### Function

The sensor is integrated into the safety circuit of the door control (5) and causes it to be interrupted. When activated an error message (7) will be displayed in the door control. Operation of the door is then no longer possible (6).

### Introduction of the new technology into the series

From 06/2023, the new technology will be incorporated into various drives in the Safedrive ELEKTROMATEN SI product range.



## Notes

- The Part and model numbers of the drive units will not change with the introduction of the new technology.
- The technology and connection are described in the installation instructions of the drive units. The same start-up procedure applies as before.
- The new technology is introduced without implementing changes to GfA door control systems. Existing GfA door controls do not need to be replaced. Existing door control will also issue fault indications. The updated installation instructions of the door controls contain additional descriptions.
- The connection cables from the drive unit to the door control remain unchanged and can be used without any restriction.
- Door controls from other manufacturers do not have to be adapted to the new technology either. The documentation will be expanded or adapted according to the GfA installation instructions.
- Do you have further questions about the new restart protection for SI-ELEKTROMATEN?  
Your sales representative will gladly advise you: <https://gfa-elektromaten.com/en-DE/contact.html>