



## **Tender specification:**

Modern door drive with bluetooth connection, low energy, one controller and one transformer for all motor configurations, also for DC- and EC-motors.

Powerful drives that employ the latest motor technology (200 kg, 400 kg, 800 kg) with their own intelligence. CanOpen interface as standard. Temperature sensor, controller and motor communicate via CanOpen. EC-drives: frequency control is located inside the motor for not pulling the frequencies over the complete wire. With absolute and incremental encoder. EC- and DC-motors in the same design (retrofit).

Motor protection class IP 54 as standard.

- Option: special motors available in protection class IP 67 or explosion proof
- Option: a single controller can be used to couple two motors to one door
- Option: optical coupling of two drive units (e.g. landing and car door) possible (in master/slave configuration)

Fast and easy commissioning using a smartphone app: perfectly coordinated drive parameters obtained by scanning QR codes. App available for Android and iOS (free of charge)

Secure controller connection via Bluetooth

Error codes displayed in clear text form on the smartphone screen

Energy-save modes ECO (motor is switched off) and ECO Plus (motor and controller are switched off) as standard

Energy consumption regulated by sophisticated energy management

Interlock controlled electrically without separate power supply

Standard servo mode to support opening and closing of large and heavy doors in the event of an emergency door release

Condition monitoring: Lifetime data is logged to provide information regarding door condition

Easy updating of controller software using the app

Latest installation instructions can be downloaded with the app and are available offline