

# 028e *LITE*

## ELECTRIC SLIDING PLUG DOOR single door



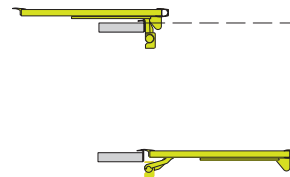
### DESCRIPTION

Single-leaf electric sliding door, designed for urban buses, Classes I and II.

- Drive system with reversible motor, encoder and integrated brake.
- Mechanical self-locking system to prevent unintentional opening.
- Sensitivity through electronic motor control and electrical sensitive edge on the front rubber seal.
- Pneumatic emergency system with protected pushbuttons and optional LED lighting.
- Automatic cancellation of the emergency function when the vehicle is moving at more than 3 km/h.
- Compatible with single or double glass leaves.
- Available control units: Evolution (advanced self-diagnosis) / Protech (basic).

### OPTIONS

- Pushbuttons integrated in the leaves for opening and closing.
- Option to add a lock for increased security.



### ADVANTAGES

- Low weight, contributing to reduced vehicle energy consumption.
- Fast and smooth movement, with soft start and stop.
- Increased safety through optimized obstacle detection and sensitive edge compliant with stricter specifications.
- Self-adjusting system for optimal performance.
- Compact design minimizing interior space occupation.
- High stability and excellent vibration resistance.
- Optimal sealing ensuring tightness, noise reduction, and improved passenger comfort.
- Low maintenance requirements.
- Anodized aluminium doors with high corrosion resistance.
- Fast-acting pneumatic emergency system.
- Easy installation with minimal adjustment operations.

### TECHNICAL DATA

- Nominal voltage: +24 VDC (operating range 18–32 VDC)
- Nominal pressure: 8 bar (operating range 4–10 bar)
- Operating temperature: -30 °C to +70 °C
- Portal width: 750–1.150 mm
- Mechanism height: 165 mm
- Operating speed: 3 s ±0,5 for a 950 × 2.000 mm doorway
- Durability: up to 1.500.000 cycles
- Regulations: Pursuant to R107 y R118
- Application: Class I and II vehicles