

# TORMAX iMotion 2202.A – Sliding Door Drive



iMotion®  
the passion to drive doors



intelligent



modular



ecological



reliable



economical

« High quality sliding door drive in a sleek design. Top performance in a compact structural shape. »

★★★★★  
**TORMAX**  
AUTOMATIC

# Product Information

## TORMAX iMotion 2202.A – Sliding Door Drive



### Area of application

- Automatic sliding doors with dynamic movement characteristics for pedestrian passageways
- Internal and external doors with compact drive dimensions
- Linear doors with 1 or 2 sliding leaves, with or without lateral parts
- Telescope doors with 2 or 4 sliding leaves
- Air locks or porches
- Rescue and escape routes <sup>1)</sup>
- High user frequency

### Functionality

- 6 operating modes (automatic, reduced opening width, exit, permanently open, off, manual operation)
- Adjustable opening and closing speeds
- Adjustable hold-open times
- Time or step control
- 8 programmable inputs, of which 4 testable inputs for safety features, can be extended in modules
- 3 programmable outputs, can be extended in modules
- Interfaces LIN, RS232

### Safety feature

- Connection facilities for sensors
- Monitored adjustable power limitation
- Adjustable sensitivity when reversing
- Adjustable for low-energy-operation

### Technology

- Electro-mechanical sliding door drive
- Long-lasting AC synchronous motor
- Modular, programmable iMotion control with comprehensive monitoring and diagnostic functions, performance level D

### Accessories

- Electro-mechanical lock
- Key switch
- Mechanical emergency opening
- Battery module for emergency operation
- Supplementary retaining brake
- Speed control when unpowered
- In-/output modules
- Network modules
- Electric motor operated emergency opening in escape routes <sup>1)</sup>

### Dimensions

- Standard: installation height 100 mm, depth 142 mm
- Telescope: installation height 100 mm, depth 204 mm

### Door data

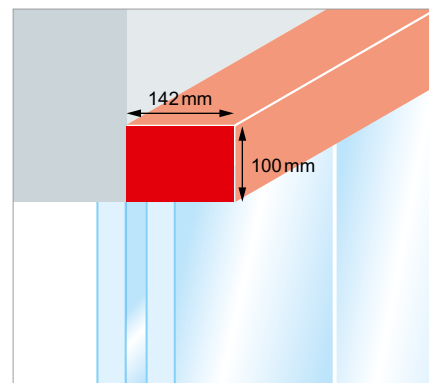
- Door opening widths  
single-leaf: 800 – 2200 mm  
double-leaf: 800 – 2900 mm  
telescope, double-leaf: 800/1400 <sup>1)</sup> – 2900 mm  
telescope, four leaves: 1500 – 3800 mm
- Door leaf weight max.  
single-leaf: 1 × 130 kg / 1 × 120 kg <sup>1)</sup>  
double-leaf: 2 × 120 kg / 2 × 100 kg <sup>1)</sup>  
telescope, double-leaf: 2 × 80 kg / 2 × 60 kg <sup>1)</sup>  
telescope, four leaves: 4 × 80 kg / 4 × 60 kg <sup>1)</sup>

### Mains connection

- 230 VAC 50/60 Hz

### Power consumption

- 8...190 W



Cross-section

### Approvals (directives, standards)

- CE (2006/95/EC, 2004/108/EC, 2006/42/EC)
- TÜV (EN 16005, 1 million cycles with 4000 cycles per day)
- AutSchR (iMotion 2202.A-R)
- RoHS

<sup>1)</sup> iMotion 2202.A-R for rescue and escape routes (RER)

