Specification Text for Folding Door System 4251

Automatic folding door TORMAX iMotion 4251

Dimensions

Overall width	.... mm	
Overall height	.... mm	
Passage width	.... mm	(800 – 2000 mm)
Passage height	.... mm	(max. 2300 mm)

TORMAX iMotion 4251

System folding door with electromechanical drive unit, built into a self-supporting aluminium header profile. Opening widths from 800 to 2000 mm.

(_)   Folding door with electromechanical drive unit. Brushless BLDC-motor technology and processor control system, connection to 1 x 230 V AC 50 – 60 Hz, built into a self-supporting aluminium header profile, H x D 120 x 250 mm, drive unit with reversing system and tooth belt.

Control system
Ultra-simple commissioning with guided learning program, 3-position switch or user interface with 6 operating modes and 7-segment display, two independent motional sequences can be set and controlled, adjustable hold-open time, adjustable opening and closing force – satisfies low-energy requirement, adjustable opening and closing speed, obstacle recognition (reversing) in both opening and closing directions, safety features can be monitored, feedback signal for door in open or closed position, 8 programmable inputs (expandable), 3 programmable outputs (expandable).

Door leaves
Aluminium profiles free of clamping and crushing points (finger protection), with integrated sealing lips. Door leaf swivel-mounted on maintenance-free roller bearings. Glass thickness 8 – 16 mm, toughened safety glass or insulating glass, dry glazed.

Colour of the visible profiles

(_)   All aluminium parts stove enamelled

conforming to RAL ……….

(_)   All aluminium parts are treated by colourless anodising.

Sensors

Activation

(_)   Radar

(_)   Active infrared

(_)   Contact-free hand switch

(_)   Manual hand switch

Safety facility

(_)   Dynamic safety (with/without testing)

(_)   Static safety (with/without testing)

(_)   Combined detector/alarm (radar and 3D protective light curtain AIR) with testing

Safety assessment conforming to EN 16005 recommended.

Within the area of validity of the guidelines for machines 98/37/EG a declaration of
conformity is mandatory.

Accessories

(_)   User interface with 7-segment display and 2-button operation, 45 x 45 mm suitable for
Legrand system with 6 operating modes

(_)   3-position mode switch mounted in plastic case with 3 operating modes
45 x 45 mm, suitable for Legrand system

(_)   Emergency opening device with rubber string

(_)   Emergency power supply system with battery module (monitored) for the backup
supply

(_)   Electromagnetic locking with status monitoring, manual unlocking internal and
external

(_)   Emergency OFF switch, optionally surface-mounted or flush-mounted,
with glass cover and frame

(_)   ………..