

# M-Door

## Pushbutton with sound generator



### Illuminated pushbutton with integrated sound generator

- **Active surface Ø 40mm**
- **Customised electronics and design**
- **Finding tone or feedback**

#### Mechanical characteristics:

- Material : Plastic bezel and actuator
- Operating temperature : - 20°C / + 70°C
- Mechanical service life : 3 000 000 operations
- Protection : IP 67/65 front & IP 65 back
- Force : 6 to 12 N.
- Tactile effect
- Stroke : 1.5 mm
- Impact : IK07

#### Options:

- Metal version (bezel)
- Raised pictogram
- Braille (bezel)
- Colors and pictograms on request

#### Illuminated characteristics:

- Unlimited choice of lights pictograms with changing color
- Change of color can be automatically or remotely controlled
- Illuminated feedback ring and center of actuator

#### Sound characteristics:

- Intermitent mode, Frequency = 3.6 Hz (DIN3974) and permanent mode when activated
- Frequency level 3.4 kHz or 880 Hz (DIN 32981) according to model
- 50 dB +/- 4 dB at 1 m for 880 Hz (Laboratory measurement)
- A single programmable frequency per product

#### Standards:

- Application TSI PRM, EN 50155, EN 16584-2 Decree May 03, 2007
- EMC EN 50121-3-2
- Environment EN 60068, EN 60529, EN 61373
- Fire / smoke EN 45545-2, ECER118
- Sounds DIN 32981, DIN 32974
- REACH, ROHS

#### Electrical characteristics (depending on button model):

- Operating voltage : 24 V +25%, -30%
- Contact : 5 to 137 VDC / VAC 200 mA max.
- Operating current : 5 mA +/- 10%
- Reverse polarity protection
- Connector and cable on request

