

Datasheet - T2FH 232-22UEDR/11

Foot switch / T2FH 232



Preferred typ



- double-pedal type
- 2 cable entries M25
- High level of stability
- 6 contacts per pedal
- Protective shield with wide opening

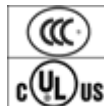
(Minor differences between the printed image and the original product may exist!)

Ordering details

| | |
|--------------------------|--------------------|
| Product type description | T2FH 232-22UEDR/11 |
| Article number | 101217033 |
| EAN Code | 4030661410630 |
| eCl@ss | 27-37-12-18 |

Approval

Approval



Classification

| | |
|-----------------------------------|--|
| B10d Normally-closed contact (NC) | 100.000 |
| Mission time | 20 Years |
| Standards | EN ISO 13849-1 |
| notice | $MTTF_d = \frac{B_{10d}}{0,1 \times n_{op}}$ $n_{op} = \frac{d_{op} \times h_{cp} \times 3600 \text{ s/h}}{t_{cycle}}$ |

Global Properties

| | |
|--|---|
| Permanent light | T2FH 232 |
| Standards | EN 60947-5-1, DIN VDE 0660-200, BG-GS-ET-15 |
| Compliance with the Directives (Y/N)  | Yes |
| Materials | |
| - Material of the housings | Aluminium |

| | |
|-------------------------------------|---|
| - Material of the cover | Aluminium |
| - Material of the protective shield | Aluminium |
| - Material of the pedal | Plastic, glass-fibre reinforced thermoplastic |
| Housing coating | powder-coated |
| Weight | |
| with start/stop function (Y/N) | No |
| Suitable for EMERGENCY-OFF (Y/N) | Yes |
| Protection hood (Y/N) | Yes |

Mechanical data

| | |
|---------------------------------|---|
| Design of electrical connection | Screw connection |
| Cable section | |
| - Min. Cable section | |
| - Max. Cable section | 2.5 |
| Mechanical life | > 1.000.000 operations |
| Switching frequency | 1 / |
| notice | All indications about the cable section are including the conductor ferrules. |
| restistance to shock | 30 / 11 |
| Resistance to vibration | 10 ... 150 HZ (0,35 mm / 5 g) |
| Latching (Y/N) | Yes |
| Probing possible (Y/N) | Yes |

Ambient conditions

| | |
|--|----------------------|
| Ambient temperature | |
| - Min. environmental temperature | -25 |
| - Max. environmental temperature | + 60 |
| - Min. Storage and transport temperature | -25 |
| - Max. Storage and transport temperature | +85 |
| Relative humidity | 30 ... 95 |
| - non-condensing | |
| - non-icing | |
| Protection type IP | IP65 to IEC/EN 60529 |
| Overvoltage category | III |
| Degree of pollution | 3 |

Electrical data

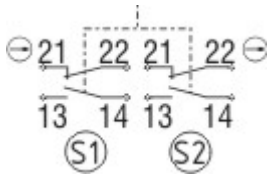
| | |
|--------------------------------------|--|
| Design of control element | Normally open contact (NO), Opener (NC) |
| Switching principle | Slow action with overlapping contacts |
| Number of shutters (per pedal) | 3 |
| Number of openers (per pedal) | 3 |
| Rated impulse withstand voltage | 6 |
| Rated insulation voltage | 500 |
| Thermal test current | 10 A |
| Utilisation category | AC-15: 230 V / 4 A, DC-13: 24 V / 1 A |
| Required rated short-circuit current | 1000 A |
| Max. fuse rating | 6 A gG D-fuse |

Dimensions






Dimensions

| | |
|----------|-----|
| - Width | 295 |
| - Height | 189 |
| - Depth | 274 |

Diagram



Note Diagram

-  positive break NC contact
-  active
-  no active
-  Normally-open contact
-  Normally-closed contact

Documents

Operating instructions and Declaration of conformity (es) 404 kB, 09.10.2018

Code: mrl_tfh232_es

Operating instructions and Declaration of conformity (fr) 406 kB, 09.10.2018

Code: mrl_tfh232_fr

Operating instructions and Declaration of conformity (de) 332 kB, 09.10.2018

Code: mrl_tfh232_de

Operating instructions and Declaration of conformity (de) 411 kB, 13.04.2012

Code: mrl_tfh232_de

Operating instructions and Declaration of conformity (cn) 464 kB, 09.10.2018

Code: mrl_tfh232_cn

Operating instructions and Declaration of conformity (cn) 494 kB, 13.04.2012

Code: mrl_tfh232_cn

Operating instructions and Declaration of conformity (en) 406 kB, 13.04.2012

Code: mrl_tfh232_en

Operating instructions and Declaration of conformity (en) 329 kB, 09.10.2018

Code: mrl_tfh232_en

Operating instructions and Declaration of conformity (jp) 485 kB, 09.10.2018

Code: mrl_tfh232_jp

Operating instructions and Declaration of conformity (nl) 408 kB, 09.10.2018

Code: mrl_tfh232_nl

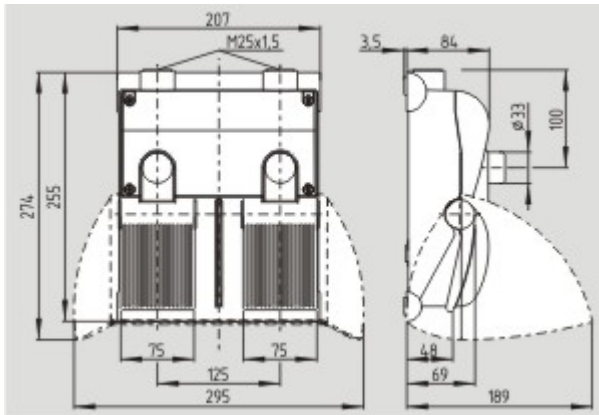
Operating instructions and Declaration of conformity (it) 404 kB, 09.10.2018

Code: mrl_tfh232_it

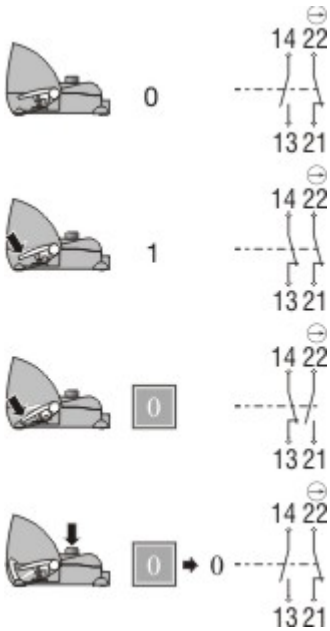
CCC certification (en) 975 kB, 24.05.2016

Code: a 455b02

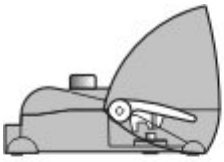
Images



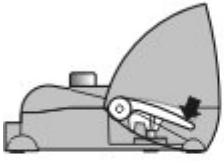
Dimensional drawing (basic component)



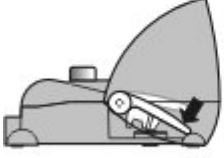
Application



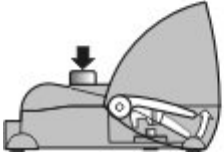
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Operating principle