

## Datasheet - T2FH 232-11/22UEDR

Foot switch / T2FH 232



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

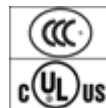
(Minor differences between the printed image and the original product may exist!)

### Ordering details

Product type description	T2FH 232-11/22UEDR
Article number	101217887
EAN Code	4030661415581
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	$MTTF_d = \frac{B_{10d}}{0,1 \times n_{op}}$ $n_{op} = \frac{d_{op} \times h_{op} \times 3600 \text{ s/h}}{t_{cycle}}$

### 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

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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

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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

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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

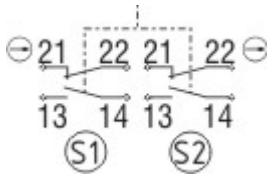
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Dimensions	
- Width	295






- Height	189
- Depth	274

## Diagram

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### Note Diagram

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

## Documents

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**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

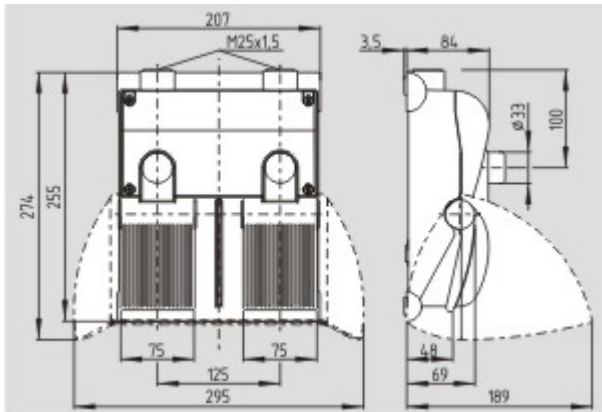
**Operating instructions and Declaration of conformity (it)** 404 kB, 09.10.2018

Code: mrl\_tfh232\_it

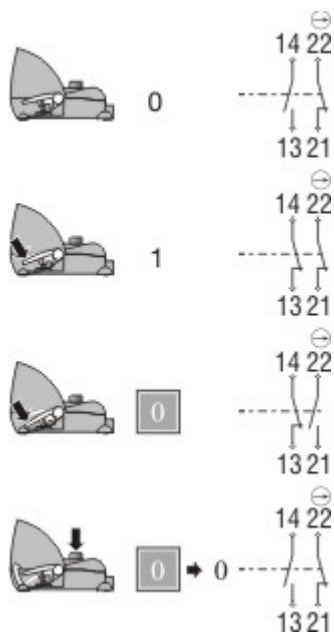
**CCC certification (en)** 975 kB, 24.05.2016

Code: q\_455p02

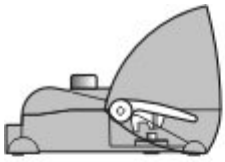
Images



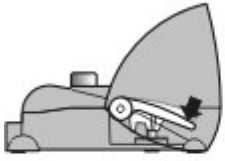
Dimensional drawing (basic component)



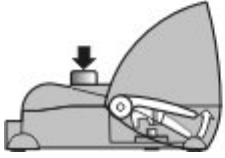
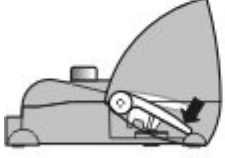
Application



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Operating principle

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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