

Datasheet - T2FH 232-22UEDR/22UEDR

Foot switch / T2FH 232



Preferred typ



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

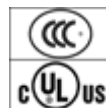
(Minor differences between the printed image and the original product may exist!)

Ordering details

Product type description	T2FH 232-22UEDR/22UEDR
Article number	101217044
EAN Code	4030661413518
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

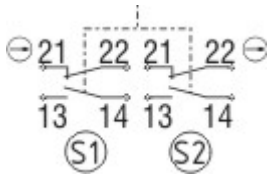
Design of control element	Normally open contact (NO), Opener (NC)
Switching principle	Slow action with overlapping contacts
Number of shutters (per pedal)	2
Number of openers (per pedal)	2
Rated impulse withstand voltage	6
Rated insulation voltage	500
Thermal test current	10 A
Utilisation category	AC-15: 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

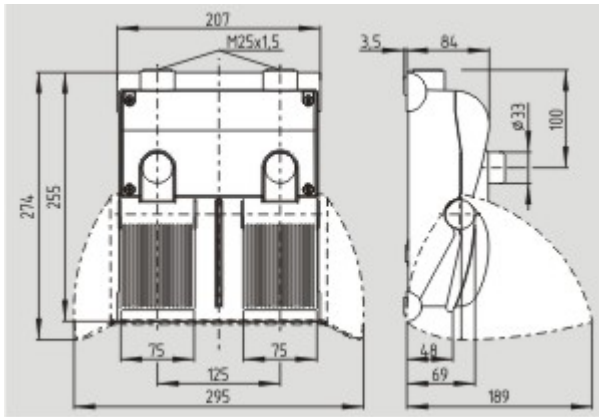
Operating instructions and Declaration of conformity (it) 404 kB, 09.10.2018

Code: mrl_tfh232_it

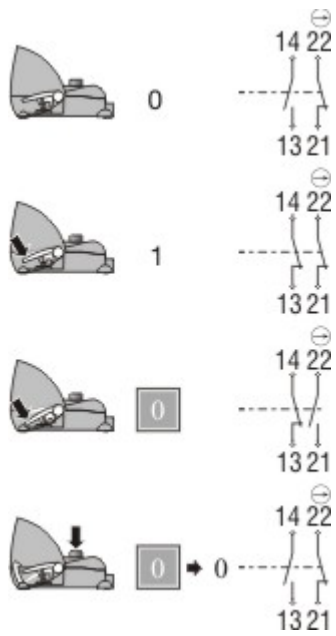
CCC certification (en) 975 kB, 24.05.2016

Code: a 455b02

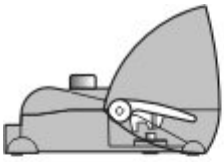
Images



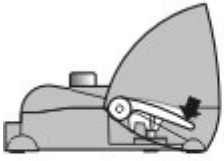
Dimensional drawing (basic component)



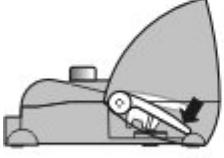
Application



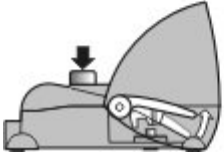
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Operating principle