

T2FH 232-11UEDR/11UEDR

- **Metal enclosure**
- **double-pedal type**
- **2 contacts per pedal**
- **High level of stability**
- **2 cable entries M 25 x 1.5**
- **Low operating height of pedal**
- **Protective shield with wide opening**

Data

General data	
Product name	T2FH 232
Standards	IEC 60947-5-1 BG-GS-ET-14 DIN VDE 0660-200
Enclosure material	Aluminium
Enclosure coating material	powder-coated
Material of the cover	Aluminium
Material of the pedal	Glass-fibre, reinforced thermoplastic
Material of the protective shield	Aluminium
Colour of the housing	RAL 9006 (White aluminum)
Gross weight	3850.000 g
General data - Features	
Latching	Yes
Protective shield	Yes
Probing possible	Yes
Suitable for EMERGENCY-OFF	Yes
Number of pedals, NC	1
Number of pedals, NO	1
Safety appraisal	
Standards	ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs	
B10d Normally-closed contact (NC)	100,000 Operations
Mechanical data	
Mechanical life, minimum	1,000,000 Operations
Mechanical data - Connection technique	
Terminal Connector	Screw connection
Cable section, maximum	2.5 mm²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Mechanical data - Dimensions	
Width	295 mm
Height	189 mm
Depth	274 mm
Ambient conditions	
Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+60 °C
Storage and transport temperature, minimum	-25 °C
Storage and transport temperature, maximum	+85 °C
Relative humidity, minimum	30 %
Relative humidity, maximum	95 %
Note (Relative humidity)	non-condensing non-icing
Resistance to vibrations to EN 60068-2-6	10 ... 150 Hz, amplitude 0.35 mm / 5 g
Restistance to shock	30 g / 11 ms
Ambient conditions - Insulation value	
Rated impulse withstand voltage	6 kV
Overvoltage category	III
Degree of pollution to VDE 0100	3
Electrical data	
Thermal test current	10 A
Required rated short-circuit current to EN 60947-5-1	1,000 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A

Utilisation category DC-13	24 VDC
Utilisation category DC-13	1 A
Switching element	NO contact, NC contact
Switching principle	Slow action with overlapping contacts
Switching frequency	3,600 /h

Ordering code

Product type description:

(1)2F(2) 232-(3)-(4)

(1)

T	Slow action
Z	Snap action

(2)

without	without protective shield
H	with protective shield

(3)

11/11	1 NO contacts/1 NC contact
02/02	2 NC contact
20/20	2 NO contacts
22/22	2 NO contacts/2 NC contact
04/04	4 NC contact
40/40	4 NO contacts

(4)

HD	phase actuation with pressure point

Pictures

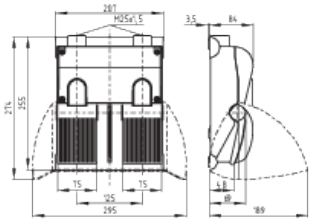
Product picture (catalogue individual photo)



ID: ktfh2f01

| 28,4 kB | .png | 74.083 x 59.972 mm - 210 x 170 Pixel - 72 dpi
| 299,7 kB | .jpg | 352.778 x 285.397 mm - 1000 x 809 Pixel - 72 dpi

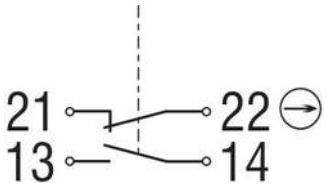
Dimensional drawing basic component



ID: 1t2f-g02

| 44,4 kB | .cdr |
| 156,7 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi
| 11,9 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi

Diagram



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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.
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