

ZFH 232-11

- 2 Contacts
- Protective shield with wide opening
- Also available as safety foot switch
- Low operating height of pedal
- Cable entry M 20 x 1.5
- High level of stability
- Metal enclosure
- single-pedal types

Data

Ordering data

Product type description	ZFH 232-11
Article number (order number)	151181541
EAN (European Article Number)	4030661528908
eCl@ss number, version 12.0	27-37-12-18
eCl@ss number, version 11.0	27-37-12-18
eCl@ss number, version 9.0	27-37-12-18
ETIM number, version 7.0	EC001258
ETIM number, version 6.0	EC001258

Approvals - Standards

Certificates	cULus CCC
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General data

Standards	BG-GS-ET-15 DIN VDE 0660-200 EN IEC 60947-5-1
Enclosure material	Aluminium
Enclosure coating material	powder-coated
Material of the housing 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	1,700 g

General data - Features

Protective shield	Yes
Probing possible	Yes
Number of normally closed (NC)	1
Number of normally open (NO)	1

Mechanical data

Mechanical life, minimum	1,000,000 Operations
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Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
Cable section, maximum	1 x 2.5 mm ²
Note (Cable section)	All indications including the conductor ferrules.

Mechanical data - Dimensions

Width	170 mm
Height	189 mm
Depth	274 mm

Ambient conditions

Degree of protection	IP65
Ambient temperature	-25 ... +70 °C

Ambient conditions - Insulation values

Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	6 kV

Electrical data

Thermal test current	10 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	Snap action

Ordering code

Product type description:
(1)F(2) 232-(3)-(4)

(1)

T	Slow action (not for AF/S)
Z	Snap action

(2)

without	without protective shield
H	with protective shield

(3)

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

(4)

HD	phase actuation with pressure point
F	with start/stop function

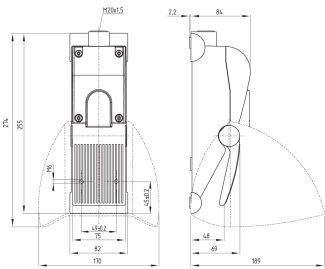
Pictures

Product picture (catalogue individual photo)



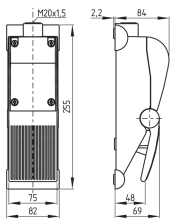
ID: ktfh-f01
 | 337,6 kB | .jpg | 352.778 x 277.283 mm - 1000 x 786 px - 72 dpi
 | 30,0 kB | .png | 74.083 x 58.208 mm - 210 x 165 px - 72 dpi

Dimensional drawing basic component



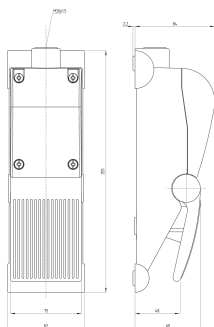
ID: 5tfh-g01
 | 42,1 kB | .cdr |
 | 5,1 kB | .png | 74.083 x 59.972 mm - 210 x 170 px - 72 dpi
 | 145,0 kB | .jpg | 352.778 x 285.044 mm - 1000 x 808 px - 72 dpi

Dimensional drawing basic component



ID: 1tf--g01
 | 33,0 kB | .cdr |
 | 7,6 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
 | 89,6 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 px - 72 dpi

Dimensional drawing basic component



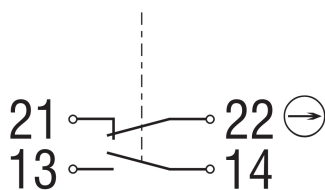
ID: ktf--g01

| 31,9 kB | .cdr |

| 5,5 kB | .png | 74.083 x 114.3 mm - 210 x 324 px - 72 dpi

| 200,6 kB | .jpg | 352.425 x 544.689 mm - 999 x 1544 px - 72 dpi

Diagram



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| 16,0 kB | .cdr |

| 54,5 kB | .jpg | 352.778 x 195.439 mm - 1000 x 554 px - 72 dpi

| 2,8 kB | .png | 74.083 x 40.922 mm - 210 x 116 px - 72 dpi

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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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