SCHMERSAL
THE DNA OF SAFETY



## TF 232-22

- **4 Contacts**
- **Metal enclosure**
- **single-pedal types**
- **Cable entry M 20 x 1.5**
- **High level of stability**
- **Low operating height of pedal**
- **Also available as safety foot switch**

**Data**

| | |
|---|---|
| **General data** | |
| Product name | F 232 |
| Standards | EN 60947-5-1<br>DIN VDE 0660-200<br>BG-GS-ET-15 |
| 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 | 1060.000 g |
| **General data - Features** | |
| Probing possible | Yes |
| Number of openers | 2 |
| Number of shutters | 2 |
| **Mechanical data** | |
| Mechanical life, minimum | 1,000,000 Operations |
| **Mechanical data - Connection technique** | |
| Terminal Connector | Screw connection |
| Cable section, maximum | 1 x 2.5 mm² |

| | |
|---|---|
| Note (Cable section) | All indications about the cable section are including the conductor ferrules. |

**Mechanical data - Dimensions**

| | |
|---|---|
| Width | 170 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 | +70 °C |

**Ambient conditions - Insulation value**

| | |
|---|---|
| Rated impulse withstand voltage | 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 | Slow action |

## Pictures

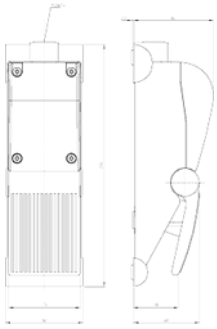
**Product picture (catalogue individual photo)**



ID: ktf--f01

| 27,6 kB | .png | 74.083 x 55.739 mm - 210 x 158 Pixel - 72 dpi
| 304,5 kB | .jpg | 352.778 x 264.936 mm - 1000 x 751 Pixel - 72 dpi

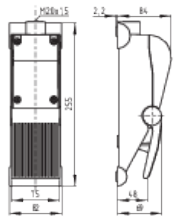
**Dimensional drawing basic component**



ID: ktf--g01

| 31,9 kB | .cdr |
| 5,5 kB | .png | 74.083 x 114.3 mm - 210 x 324 Pixel - 72 dpi
| 200,6 kB | .jpg | 352.425 x 544.689 mm - 999 x 1544 Pixel - 72 dpi

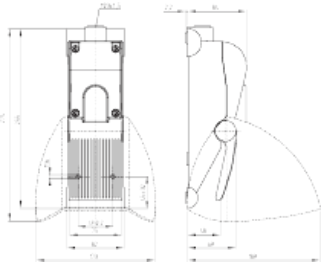
**Dimensional drawing basic component**



ID: 1tf--g01

| 89,6 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 Pixel - 72 dpi
| 33,0 kB | .cdr |
| 7,6 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel - 72 dpi

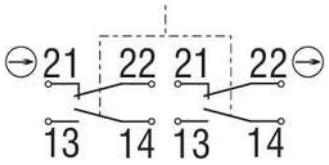
**Dimensional drawing basic component**



ID: 5tfh-g01

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

**Diagram**




ID: ktf--k02

| 17,4 kB | .cdr |