



## Z2F 232-11/11

- 2 contacts per pedal
- double-pedal type
- Low operating height of pedal
- High level of stability
- 2 cable entries M 25 x 1.5
- Aluminium enclosure

### Data

#### Ordering code

|                               |               |
|-------------------------------|---------------|
| Product type description      | Z2F 232-11/11 |
| Article number (order number) | 151181590     |
| 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   |

#### General data

|                          |                                       |
|--------------------------|---------------------------------------|
| Standards                | BG-GS-ET-15                           |
|                          | EN IEC 60947-5-1                      |
|                          | DIN VDE 0660-200                      |
| Housing material         | Aluminium                             |
| Housing coating material | powder-coated                         |
| Material of the pedal    | Glass-fibre, reinforced thermoplastic |

## General data

|                       |                           |
|-----------------------|---------------------------|
| Colour of the housing | RAL 9006 (White aluminum) |
|-----------------------|---------------------------|

|              |         |
|--------------|---------|
| Gross weight | 2,080 g |
|--------------|---------|

## General data - Features

|                  |     |
|------------------|-----|
| Probing possible | Yes |
|------------------|-----|

|                      |   |
|----------------------|---|
| Number of pedals, NC | 1 |
|----------------------|---|

|                      |   |
|----------------------|---|
| Number of pedals, NO | 1 |
|----------------------|---|

|                        |   |
|------------------------|---|
| Number of cable glands | 2 |
|------------------------|---|

## Mechanical data

|                              |                      |
|------------------------------|----------------------|
| Mechanical lifetime, minimum | 1,000,000 Operations |
|------------------------------|----------------------|

|                          |       |
|--------------------------|-------|
| Actuating force, minimum | 260 N |
|--------------------------|-------|

|                          |       |
|--------------------------|-------|
| Actuating force, maximum | 380 N |
|--------------------------|-------|

## Mechanical data - Connection technique

|                               |                 |
|-------------------------------|-----------------|
| Type of electrical connection | Screw terminals |
|-------------------------------|-----------------|

|             |               |
|-------------|---------------|
| Cable entry | 2 x M25 x 1.5 |
|-------------|---------------|

|                        |                     |
|------------------------|---------------------|
| Cable section, maximum | 2.5 mm <sup>2</sup> |
|------------------------|---------------------|

|      |                                                   |
|------|---------------------------------------------------|
| Note | All indications including the conductor ferrules. |
|------|---------------------------------------------------|

## Mechanical data - Dimensions

|        |        |
|--------|--------|
| Length | 255 mm |
|--------|--------|

|       |        |
|-------|--------|
| Width | 207 mm |
|-------|--------|

|        |       |
|--------|-------|
| Height | 84 mm |
|--------|-------|

## Ambient conditions

|                         |      |
|-------------------------|------|
| IP 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

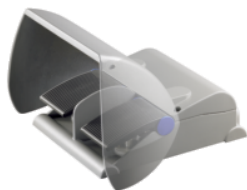
|                      |      |
|----------------------|------|
| Thermal test current | 10 A |
|----------------------|------|

## Electrical data

|                                      |                        |
|--------------------------------------|------------------------|
| Required rated short-circuit current | 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 principle                  | Snap action            |
| Switching element                    | NC contact, NO contact |

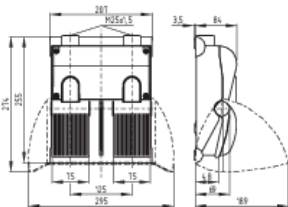
## Pictures

### Product picture (catalogue individual photo)



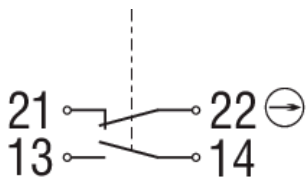
ID: ktfh2f01  
[| 299.69 KB | .jpg | 1000 x 809 Pixel](#)  
[| 35.09 KB | .jpg | 350 x 283 Pixel](#)  
[| 28.42 KB | .png | 210 x 170 Pixel](#)

### Dimensional drawing basic component



ID: 1t2f-g02  
[| 156.74 KB | .jpg | 1000 x 701 Pixel](#)  
[| 11.91 KB | .png | 210 x 147 Pixel](#)

## Diagram



ID: ktf--k01  
[| 54.52 KB | .jpg | 1000 x 554 Pixel](#)  
[| 2.76 KB | .png | 210 x 116 Pixel](#)

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.

Generated on: 01/09/2026, 08:09