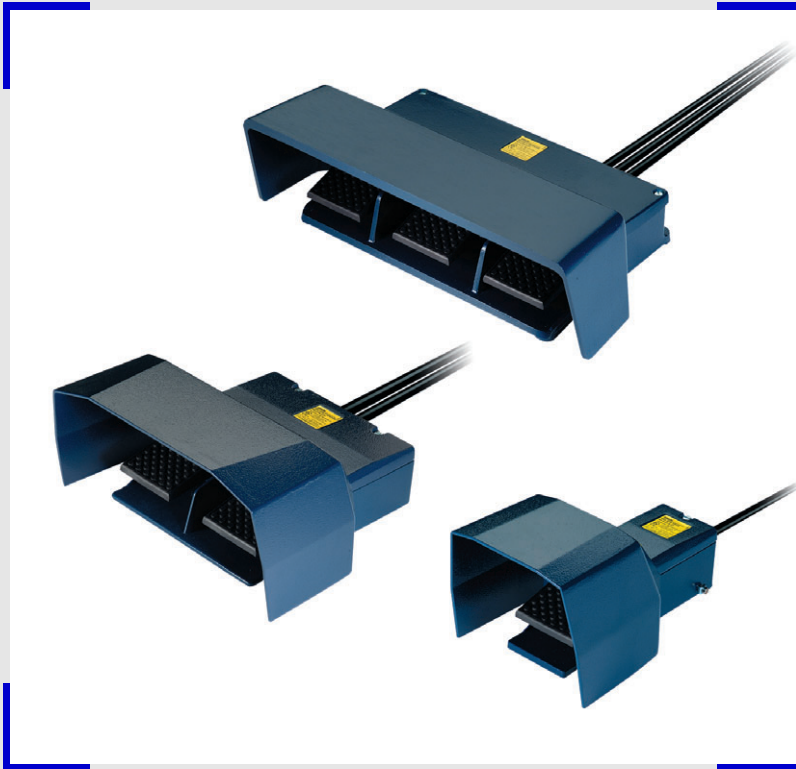


## Foot Switches

Series EEx GF, EEx GF 2, EEx GF 3, EEx GFS, EEx GFS 2 and EEx GFS 3



04956E00

- > Max. 2 contacts per pedal
- > Metal enclosure
- > With up to 3 pedals
- > With or without protective shield
- > High level of stability
- > Low pedal height
- > Wide opening in shield
- > Pre-wired cable 3 m long
- > Available with special finish in RAL colour tones



Ex foot switches are used, amongst other things, in good lifts and service elevators to open the cabin doors. Using these switches, operators do not have to lay down carried goods or materials to open the lift cabin door and load the lift cabin. The Ex foot switches from the EEx GF range are available with slow or snap action. They provide protection class IP65.

| Zone       | ATEX |   |   |    |    |    |
|------------|------|---|---|----|----|----|
|            | 0    | 1 | 2 | 20 | 21 | 22 |
| For use in |      | x | x |    | x  | x  |

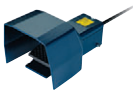


## Foot Switches

Series EEx GF, EEx GF 2, EEx GF 3, EEx GFS, EEx GFS 2 and EEx GFS 3

### Selection Table

| Version                             | Art.no. |
|-------------------------------------|---------|
| Foot switches acc. to specification | 109409  |

### Order Number Supplement

| Version  | Switching system  | Contacts               | Protective shield         | Ordering code                |
|--|---|------------------------|---------------------------|------------------------------|
|  <p>04985E00</p> <p>Foot switches, single-pedal<br/>Series EEx GF and EEx GFS</p>       | slow action   | 1 NO<br>1 NC           | without protective shield | <b>EEx GF 1Ö/1S</b>          |
|  |   |                        | with protective shield    | <b>EEx GFS 1Ö/1S</b>         |
|  | snap action   | 1 Change-over contact  | without protective shield | <b>EEx GFM 1W</b>            |
|  |   |                        | with protective shield    | <b>EEx GFSM 1W</b>           |
|  <p>05379E00</p> <p>Foot switches, double-pedal<br/>Series EEx GF 2 and EEx GFS 2</p>   | slow action   | 2 NO<br>2 NC           | without protective shield | <b>EEx GF 2 1ÖS/1ÖS</b>      |
|  |   |                        | with protective shield    | <b>EEx GFS 2 1ÖS/1ÖS</b>     |
|  | snap action   | 2 Change-over contacts | without protective shield | <b>EEx GFM 2 1W/1W</b>       |
|  |   |                        | with protective shield    | <b>EEx GFSM 2 1W/1W</b>      |
|  <p>04957E00</p> <p>Foot switches, triple-pedal<br/>Series EEx GF 3 and EEx GFS 3</p> | slow action   | 3 NO<br>3 NC           | without protective shield | <b>EEx GF 3 1ÖS/1ÖS/1ÖS</b>  |
|  |   |                        | with protective shield    | <b>EEx GFS 3 1ÖS/1ÖS/1ÖS</b> |
|  | snap action   | 3 Change-over contacts | without protective shield | <b>EEx GFM 3 1W/1W/1W</b>    |
|  |   |                        | with protective shield    | <b>EEx GFSM 3 1W/1W/1W</b>   |
| Note   | Other contact configurations available on enquiry (max. 2 contacts per pedal) |                        |                           |                              |

### Explosion Protection

#### Marking

|                           |                       |
|---------------------------|-----------------------|
| Europe (ATEX)             |                       |
| Gas explosion protection  | ⊕ II 2 G EEx d IIC T6 |
| Dust explosion protection | ⊕ II 2 D IP65 T80 °C  |

#### Certificates

|               |                                  |
|---------------|----------------------------------|
| Europe (ATEX) | EEx GF: PTB 03 ATEX 1070 X*      |
|               | EEx GFM: PTB 03 ATEX 1069 X*     |
|               | * referring to the switch insert |

### Technical data

#### Electrical data

|                           |                                   |
|---------------------------|-----------------------------------|
| Rated operational current | 250 V AC: 6 A<br>230 V DC: 0.25 A |
| Utilisation category      | AC-15; DC-13                      |
| Mechanical life           | > 1 million operations            |
| Short circuit protection  | 6 A gG D-fuse                     |

#### Ambient conditions

|                     |                  |
|---------------------|------------------|
| Ambient temperature | - 20 ... + 65 °C |
|---------------------|------------------|

#### Mechanical data

|                      |   |  |
|----------------------|---|--|
| Degree of protection | IP65 to IEC/EN 60529  |  |
| Material             |   |  |
| Enclosure            | EEx GF; EEx GFS<br>EEx GF 2; EEx GFS 2<br>EEx GF 3; EEx GFS 3 | Aluminium die-cast, enamel finish<br>Aluminium cast, enamel finish |
| Cover                | Glass-fibre reinforced thermoplastic                          |  |
| Pedal                | Aluminium die-cast, enamel finish                             |  |
| Protective shield    | Same like enclosure   |  |

#### Switch element

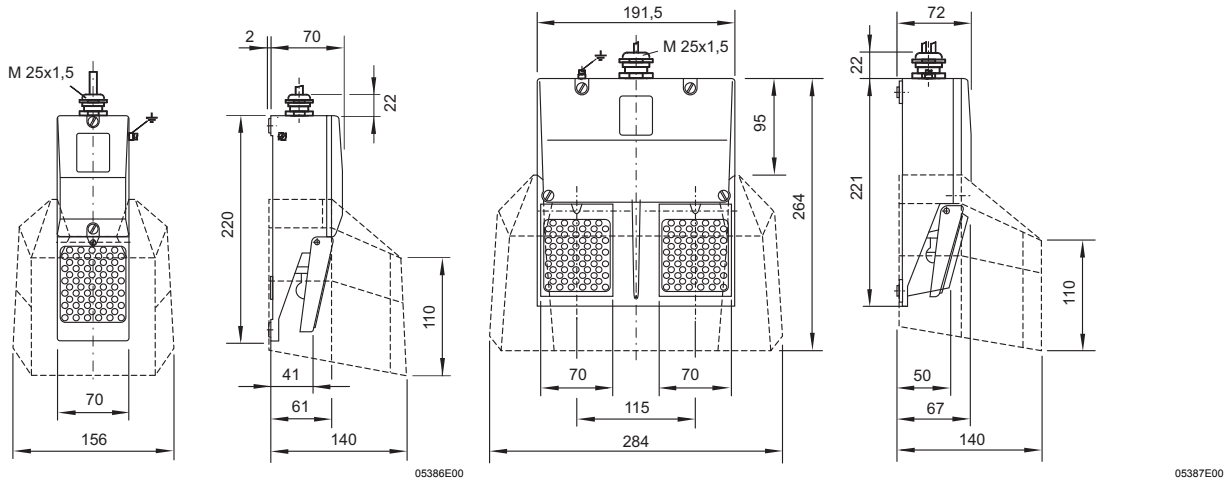
|         |                 |
|---------|-----------------|
| Version | EEx 14; EExM 14 |
|---------|-----------------|

# Foot Switches

Series EEx GF, EEx GF 2, EEx GF 3, EEx GFS, EEx GFS 2 and EEx GFS 3

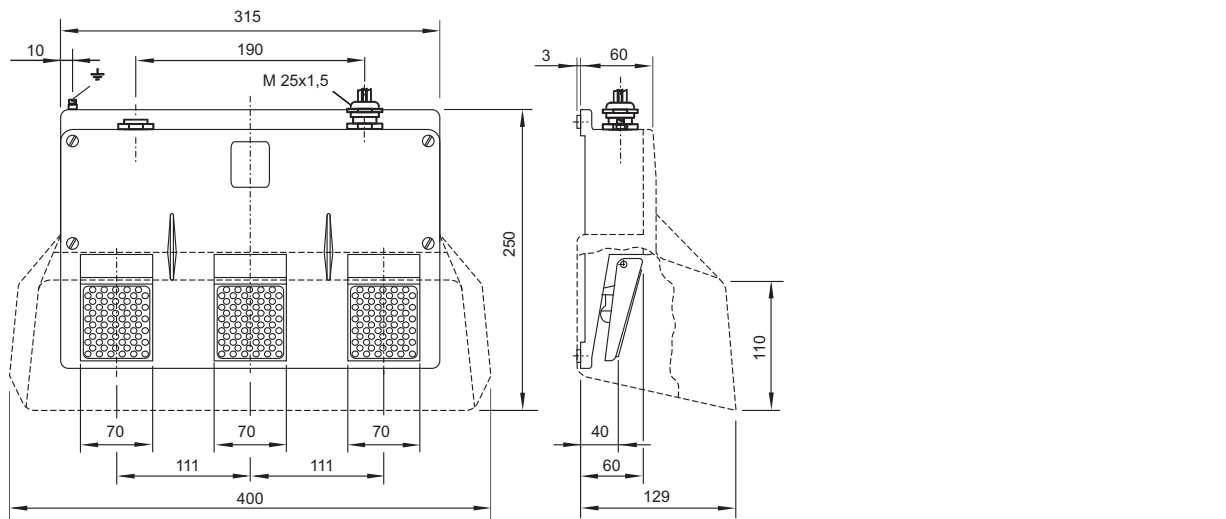


## Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



**EEx GF and EEx GFS**  
Foot switches, single-pedal

**EEx GF 2 and EEx GFS 2**  
Foot switches, double-pedal



**EEx GF 3 and EEx GFS 3**  
Foot switches, triple-pedal

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.

E4