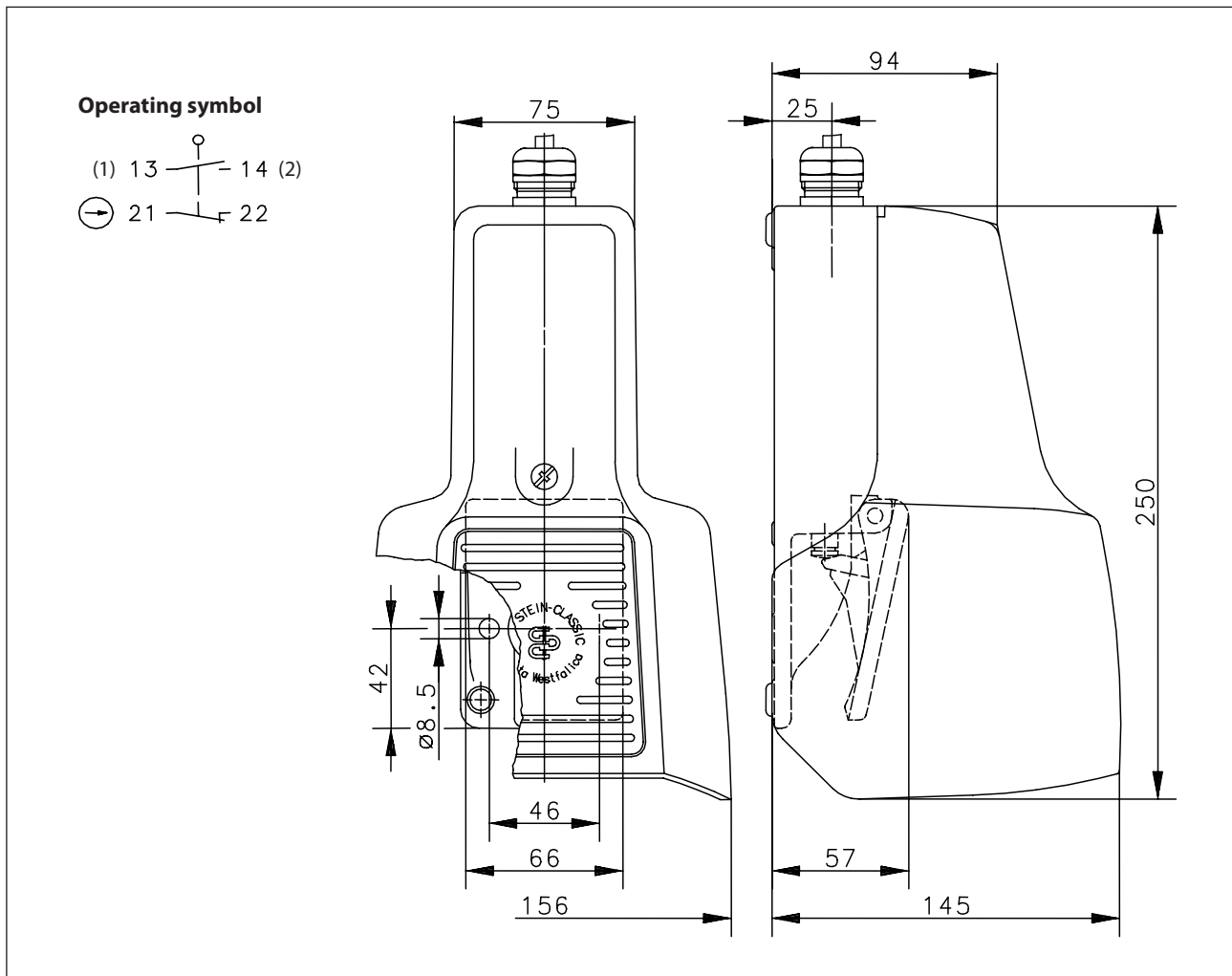


**Foot-switch**  
Series F1

Description **F1-SU1Z UN**

Article number **6161800804**



| Electrical data                 |           |  |
|---------------------------------|-----------|--|
| Conv. thermal current           | $I_{the}$ | 2,5 A  |
| Rated operational voltage       | $U_e$     | 50 V   |
| Utilization category            |           | AC-15, $U_e / I_e$ 50 V / 2,5 A                |
| Direct opening action           | $\ominus$ | acc. to IEC/EN 60947-5-1, Annex K (pedal stop) |
| Short-circuit protective device |           | Fuse 2 A gG                                    |
| Protection class                |           | III (protective low voltage)                   |

| Mechanical Data                                    |   |
|--|---|
| Enclosure  | AL  |
| Protective guard<br>(Accident protection cover UN) | AL  |
| Actuator   | Foot lever (PA)   |
| Ambient air temperature                            | -5 °C ... +70 °C (cable moved)<br>-30 °C ... +80 °C (fixed cable)               |
| Contact type                                       | 1 N.C. / 1 N.O. (Zb)  |
| Operating force                                    | ≈ 10 N (pedal centre)   |
| Mechanical life                                    | 10 x 10 <sup>6</sup> switching cycles   |
| Switching frequency                                | ≤ 50/min  |
| Assembly   | 2 x M8  |
| Connection   | Cable 2 x 0,75 mm <sup>2</sup> x 5,5 m ± 5%, PVC jacket (Cable end unprocessed) |
| Weight including protective guard                  | ≈ 2 kg  |
| Protection type                                    | IP 65 acc. to IEC/EN 60529  |

| ID for safety engineering |                             |
|---------------------------|-----------------------------|
| B10d                      | 20 x 10 <sup>6</sup> cycles |

| Standards |                    |
|-----------|--------------------|
|           | DIN EN 60947-1     |
|           | DIN EN 60947-5-1   |
|           | DIN EN ISO 13849-1 |

| EU Conformity |   |
|---------------|---|
|               | acc. to directive 2011/65/EU (RoHS-directive) |

| Notes   |  |
|---|--|
| The degree of protection specified (IP code) applies only to a properly closed accident protection cover. |  |