



**INTRATEC**  
100% SHOPPING

**Datasheet  
Main switch  
Art. No. SMDGH4-FI-1LS16-01**

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## Electrical specifications

Working voltage: 400V AC

Protection class: IP65

Protected against: Water jets and splashes from all directions, high humidity and water vapour

Areas of application: Outdoors (e.g. garden) and damp rooms such as cellars, garages or bathrooms, water-exposed areas in industry that are frequently cleaned with high-pressure cleaning, for example

Material of housing: acrylic ester styrene acrylonitrile (ASA)

Enclosure colour: Grey RAL 7035

Material door: PC polycarbonate

Door colour: Transparent

Glow wire test: 650°C

temperature resistance: -25°C to +60°C (thus always reliable even in cold stores, for outdoor use in winter and at high temperatures, such as in direct sunlight)

Halogen-free, RoHS-compliant, CE, UV stable

With built-in DIN rail for all standardised circuit breakers / RCDs according to DIN 43880

Finger-safe N/PE terminal strip

Mounting material

Installation instructions

**Dimensions:**

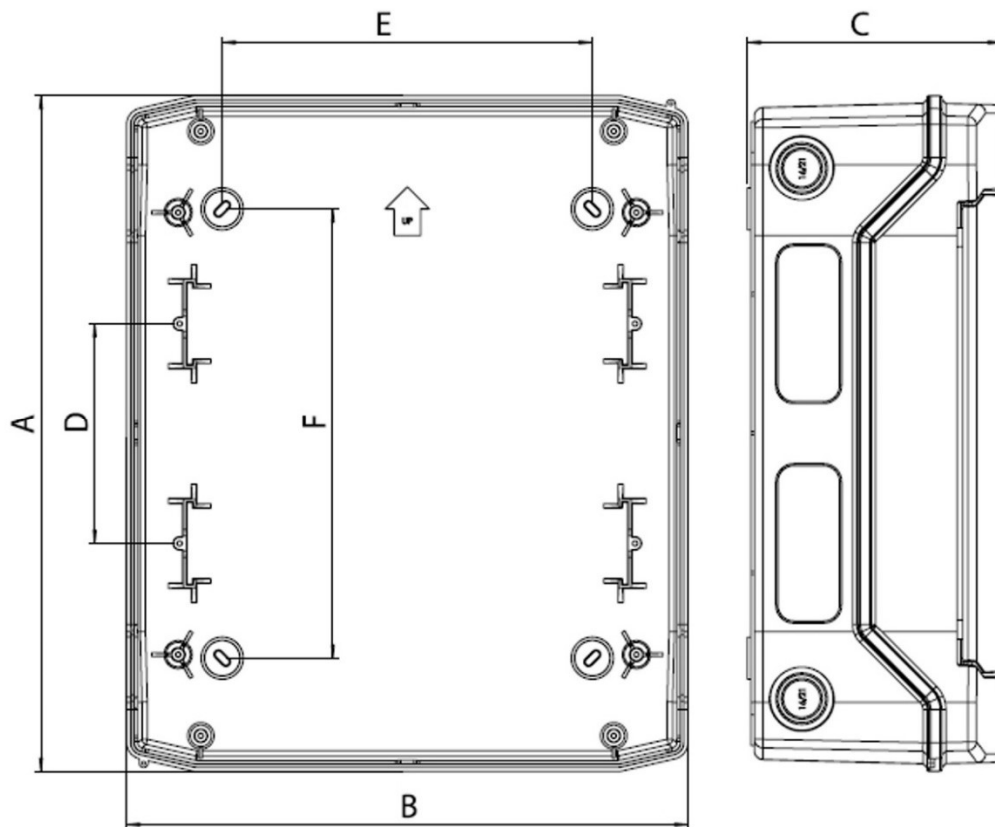
**A (height):** 201 mm

**B (width):** 128 mm

**C (depth):** 120 mm

**E:** 78 mm

**F:** 111 mm



### Automatic circuit breaker:

- Brand: ABB
- Type: S201-B16
- Standards: IEC/EN 60898-1 / IEC/EN 60947-2 /UL 1077
- Tripping characteristic: B
- Rated voltage (Ur): 230 V AC
- Rated operational voltage: (according to IEC 60898-1) 230 / 400 V AC // (according to IEC 60947-2) 230 V AC

### Operating voltage:

(maximum incl. tolerance) 253 V AC  
(maximum incl. tolerance) 72 V DC  
(minimum) 12 V AC  
(minimum) 12 V DC

- Rated insulation voltage (Ui): (according to IEC/EN 60664-1) 440 V
- Rated impulse withstand voltage (Uimp): 4 kV  
at 2000 m 5 kV  
at sea level 6.2 kV
- Insulation test voltage: 50/60 Hz, 1 min: 2 kV
- Input voltage type: AC/DC
- Rated current (In): 16 A
- Rated breaking capacity (Icn):  
(AC) 6 kA  
(DC) 6 kA  
(230 / 400 V AC) 6 kA

### Rated short-circuit breaking capacity (Icu):

(133 V AC) 20 kA  
(230 V AC) 10 kA  
(24 V DC) 20 kA  
(60 V DC) 10 kA

### Conditional rated short-circuit current (Inc):

(230 V) 10 kA  
(400 V) 10 kA

### Rated operational short-circuit breaking capacity (Ics):

(133 V AC) 15 kA  
(230 V AC) 7.5 kA

- Frequency (f): 50 Hz
- Rated frequency (f): 50 / 60 Hz
- Power loss: 2.5 W  
at rated conditions per pole 2.5 W
- Supply: Any
- Switch position indication: Red ON / Green OFF
- Energy limitation class: 3
- Electrical stability: 20000 AC cycles
- Mechanical stability (Nendu): 20000 cycles
- Number of poles: 1