



SBN180

**1-pole, 80A Modular Switch**

**Technical characteristics**

**Architecture**

|                  |                 |
|------------------|-----------------|
| Neutral position | without neutral |
| Number of poles  | 1 P             |
| Type of pole     | 1 P             |

**Main electrical features**

|                              |          |
|------------------------------|----------|
| Rated operational voltage Ue | 230 V    |
| Frequency                    | 50/60 Hz |

**Voltage**

|                                 |        |
|---------------------------------|--------|
| Rated insulation voltage        | 440 V  |
| Rated impulse withstand voltage | 6000 V |

**Dimensions**

|                             |         |
|-----------------------------|---------|
| Depth of installed product  | 68 mm   |
| Height of installed product | 83 mm   |
| Width of installed product  | 17.5 mm |

**Power**

|                           |       |
|---------------------------|-------|
| Total power loss under IN | 2.7 W |
|---------------------------|-------|

**Endurance**

|   |       |
|---|-------|
| Electrical durability at nominal load in AC22 in operating cycles | 2500  |
| Number of mechanical operations                                   | 40000 |

**Installation, mounting**

|                   |       |
|-------------------|-------|
| Tightening torque | 3,6Nm |
|-------------------|-------|

**Connection**

|   |                       |
|---|-----------------------|
| Connection cross-sect. flexible conductor | 6 / 35mm <sup>2</sup> |
| Connection cross-sect. rigid cable        | 6 / 50mm <sup>2</sup> |
| Type of connection                        | with screw            |

**Standards**

|               |             |
|---------------|-------------|
| Standard text | IEC 60947-3 |
|---------------|-------------|

**Use conditions**

|                       |             |
|-----------------------|-------------|
| Operating temperature | -20...50 °C |
|-----------------------|-------------|