



SBN240

## 2-pole, 40A Modular Switch

### Technical properties

#### Architecture

|                  |                 |
|------------------|-----------------|
| Type of order    | Break switch    |
| Neutral position | without neutral |
| Number of poles  | 2 P             |
| Type of pole     | 2 P             |

#### Configuration

|                   |   |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

#### Main electrical features

|                              |          |
|------------------------------|----------|
| Rated operational voltage Ue | 400 V    |
| Frequency                    | 50/60 Hz |

#### Voltage

|                                 |        |
|---------------------------------|--------|
| Rated insulation voltage        | 440 V  |
| Type of voltage input 1         | AC     |
| Rated impulse withstand voltage | 6000 V |

#### Electric current

|  |        |
|--|--------|
| Rated operational current in AC21 category B   | 40 A   |
| Acceptable current rating with AC22 category A | 40 A   |
| Rated current                                  | 40 A   |
| Rated short-time withstand current 1s          | 0.6 kA |
| Thermal rated current outside of housings      | 40 A   |
| Rated operational current in AC21 category A   | 40 A   |
| Acceptable current rating with AC22 category B | 40 A   |

#### Dimensions

|                             |       |
|-----------------------------|-------|
| Depth of installed product  | 68 mm |
| Height of installed product | 83 mm |
| Width of installed product  | 35 mm |

#### Frequency

|           |             |
|-----------|-------------|
| Frequency | 50 to 60 Hz |
|-----------|-------------|

#### Power

|                           |       |
|---------------------------|-------|
| Total power loss under IN | 2.2 W |
| Power loss per pole at In | 1.1 W |

**Endurance**

|   |       |
|---|-------|
| Electrical durability at nominal load in AC21 in operating cycles | 5000  |
| Electrical durability at nominal load in AC22 in operating cycles | 5000  |
| Number of mechanical operations                                   | 60000 |

**Installation, mounting**

|                   |       |
|-------------------|-------|
| Tightening torque | 2,8Nm |
|-------------------|-------|

**Connection**

|   |                         |
|---|-------------------------|
| Connection cross-sect. flexible conductor | 2,5 / 16mm <sup>2</sup> |
| Connection cross-sect. rigid cable        | 2,5 / 25mm <sup>2</sup> |
| Cage clamp position                       | in line                 |
| Type of connection                        | with screw              |

**Equipment**

|                          |   |
|--------------------------|---|
| Quantity of NC contacts  | 0 |
| Quantity of NO contacts  | 2 |
| Quantity of INV contacts | 0 |

**Standards**

|               |   |
|---------------|---|
| Standard text | IEC 60947-3 ; IEC/EN 60669-2 ; IEC/EN 60669-4 |
|---------------|---|

**Safety**

|               |     |
|---------------|-----|
| REACH conform | Yes |
| RoHS conform  | Yes |
| Halogen free  | No  |

**Use conditions**

|  |             |
|--|-------------|
| Operating temperature                                    | -20...50 °C |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2           |
| Altitude   | 2000 m      |
| Storage/transport temperature                            | -40...80 °C |