



SBN363

### 3-pole, 63A Modular Switch

#### Technical Features

##### Architecture

|                  |                 |
|------------------|-----------------|
| Number of poles  | 3               |
| Neutral position | Without neutral |
| Type of pole     | 3P              |

##### Electric current

|  |         |
|--|---------|
| Rated current  | 63 A    |
| Acceptable current rating AC21 category A  | 63 A    |
| Acceptable current rating AC21 category B  | 63 A    |
| Acceptable current rating AC22 category A  | 63 A    |
| Acceptable current rating AC22 category B  | 63 A    |
| Rated short-circuit making capacity I <sub>cm</sub> under 415 V AC according to IEC 60947-3                                  | 1,33 kA |
| Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947  | 0,94 kA |
| Rated conditional short-circuit current I <sub>nc</sub> with fuse according to IEC/EN 6000A/80A gG parallel 32A gG 60669-2-4 |         |

##### Installation, mounting

|                           |                |
|---------------------------|----------------|
| Nominal tightening torque | 2,80 - 2,80 Nm |
|---------------------------|----------------|

##### Voltage

|  |             |
|--|-------------|
| Rated operational voltage U <sub>e</sub>         | 400 - 400 V |
| Type voltage supply                              | AC          |
| Rated insulation voltage U <sub>i</sub>          | 440 V       |
| Rated impulse withstand voltage U <sub>imp</sub> | 6000 V      |

##### Capacity

|                   |   |
|-------------------|---|
| Number of modules | 3 |
|-------------------|---|

##### Safety

|                               |      |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

##### Frequency

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

##### Dimensions

|            |               |
|------------|---------------|
| Height     | 83 mm         |
| Width      | 52,50 mm      |
| Depth      | 68 mm         |
| Dimensions | 83 x 52.50 mm |

##### Equipment

|                       |   |
|-----------------------|---|
| Number of NO contacts | 3 |
| Number of NC contacts | 0 |

##### Use conditions

|                               |             |
|-------------------------------|-------------|
| Operating temperature         | -20 - 70 °C |
| Storage/transport temperature | -40 - 80 °C |

##### Connection

|                                  |                          |
|----------------------------------|--------------------------|
| Cross-section flexible conductor | 2.5 - 16 mm <sup>2</sup> |
| Cross-section rigid conductor    | 2.5 - 25 mm <sup>2</sup> |

##### Endurance

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

**Power**

|                           |        |
|---------------------------|--------|
| Total power loss under IN | 6,90 W |
| Power loss per pole at In | 2,30 W |

**Connectivity**

|  |                  |
|--|------------------|
| Top connection alignment for modular devices | Aligned terminal |
|--|------------------|

**Sustainability**

|                 |     |
|-----------------|-----|
| REACH-SVHC free | Yes |
| RoHS conform    | Yes |