

# SBN299

## 2-pole, 125A Modular Switch

### Architecture

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

### Main electrical features

|                              |          |
|------------------------------|----------|
| Rated operational voltage Ue | 400 V    |
| Frequency                    | 50;60 Hz |
| Rated current                | 125 A    |

### 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  | 35 mm |

|  |                       |
|--|-----------------------|
| Power  |                       |
| Total power loss under IN  | 16 W                  |
| Endurance  |                       |
| Electrical durability at nominal load in AC22 in operating cycles 2500 |                       |
| Number of mechanical operations  | 40000                 |
| Capacity   |                       |
| Number of modules  | 2                     |
| 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            |
| Equipment  |                       |
| Can be accessorized  | No                    |
| Standards  |                       |
| Standard text  | IEC 60947-3           |
| European directive WEEE  | concerned             |
| Safety   |                       |
| Protection index IP  | IP20                  |
| Use conditions   |                       |
| Storage temperature  | -40/80 °C             |
| Temperature  |                       |
| Operating temperature  | -20/50 °C             |