



SBN480

4-pole, 80A Modular Switch

Technical characteristics

Architecture

| | |
|------------------|-----------------|
| Neutral position | without neutral |
| Number of poles | 4 P |
| Type of pole | 4 P |

Main electrical features

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

Voltage

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

Dimensions

| | |
|-----------------------------|-------|
| Depth of installed product | 69 mm |
| Height of installed product | 83 mm |
| Width of installed product | 70 mm |

Power

| | |
|---------------------------|-------|
| Total power loss under IN | 1.8 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 ² |
| Connection cross-sect. rigid cable | 6 / 50mm ² |
| Type of connection | with screw |

Standards

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

Use conditions

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