



SBN432

4-pole, 32A Modular Switch

Technical properties

Architecture

| | |
|------------------|-----------------|
| Type of order | Break switch |
| Neutral position | without neutral |
| Number of poles | 4 P |
| Type of pole | 4 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 | 4000 V |

Electric current

| | |
|--|---------|
| Rated operational current in AC21 category B | 32 A |
| Acceptable current rating with AC22 category A | 32 A |
| Rated current | 32 A |
| Rated short-time withstand current 1s | 0.48 kA |
| Thermal rated current outside of housings | 32 A |
| Rated operational current in AC21 category A | 32 A |
| Acceptable current rating with AC22 category B | 32 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 | 6 W |
| Power loss per pole at In | 1.5 W |

Endurance

| | |
|---|--------|
| Electrical durability at nominal load in AC21 in operating cycles | 25000 |
| Electrical durability at nominal load in AC22 in operating cycles | 25000 |
| Number of mechanical operations | 200000 |

Installation, mounting

| | |
|-------------------|-------|
| Tightening torque | 1,8Nm |
|-------------------|-------|

Connection

| | |
|---|-------------------------|
| Connection cross-sect. flexible conductor | 1,5 / 10mm ² |
| Connection cross-sect. rigid cable | 1,5 / 16mm ² |
| Cage clamp position | off set |
| Type of connection | with screw |

Equipment

| | |
|--------------------------|---|
| Quantity of NC contacts | 0 |
| Quantity of NO contacts | 4 |
| Quantity of INV contacts | 0 |

Standards

| | |
|-------------------------|---|
| Standard text | IEC 60947-3 ; IEC/EN 60669-2 ; IEC/EN 60669-4 |
| European directive WEEE | concerned |

Safety

| | |
|---------------------|------|
| Protection index IP | IP20 |
|---------------------|------|

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 |