



SBN463

4-pole, 63A Modular Switch

Technical properties

Architecture

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

Configuration

| | |
|-------------------|---|
| Number of modules | 4 |
|-------------------|---|

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 | 63 A |
| Acceptable current rating with AC22 category A | 63 A |
| Rated current | 63 A |
| Rated short-time withstand current 1s | 0.945 kA |
| Thermal rated current outside of housings | 63 A |
| Rated operational current in AC21 category A | 63 A |
| Acceptable current rating with AC22 category B | 63 A |

Dimensions

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

Frequency

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

Power

| | |
|---------------------------------------|-------|
| Total power loss under I _N | 9.2 W |
| Power loss per pole at I _n | 2.3 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 | |
| Cage clamp position | in line |
| 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 |
| Safety | |
| Protection index IP | IP20 |
| 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 |