



## 3P 100A Switch , Red Toggle

Similar image  
(Picture shows SBR399)

### Architecture

Type of order	Break switch
Neutral position	without neutral
Number of poles	3 P
Type of pole	3 P

### 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	100 A
Acceptable current rating with AC22 category A	100 A
Rated current	100 A
Rated short-time withstand current 1s	1,2 kA
Thermal rated current outside of housings	100 A
Rated operational current in AC21 category A	100 A
Acceptable current rating with AC22 category B	100 A
Rated short-circuit making capacity Icm under 415V AC according IEC 60947-3	1692 A

### Frequency

Frequency	50 to 60 Hz
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### Power

Total power loss under IN	16,5 W
Power loss per pole at In	5,5 W

#### Endurance

Electrical durability at nominal load in AC21 in operating cycles	2500
Electrical durability at nominal load in AC22 in operating cycles	2500
Number of mechanical operations	40000

#### Dimensions

Depth of installed product	68 mm
Height of installed product	83 mm
Width of installed product	52,5 mm

#### Installation, mounting

Tightening torque	3,6Nm
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#### Connection

Connection cross-sect. flexible conductor	6 / 35mm <sup>2</sup>
Connection cross-sect. rigid cable	6 / 50mm <sup>2</sup>
Cage clamp position	in line
Type of connection	with screw

#### Equipment

Quantity of NO contacts	3
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#### Standards

Standard text	IEC 60947-3
European directive WEEE	not concerned

#### Safety

Protection index IP	IP20
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#### 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