SBR463

4-pole, 63A Modular Switch with Red Toggle

Technical properties

Architecture

Number of poles	4
Neutral position	Without neutral
Type of pole	4P

Electric current

Rated current	63 A
Breaking capacity 400 V AC23A	1,332 A
Rated conditional short-circuit current Icc with gl-gG fuses	0.94 kA
Acceptable current rating AC21 category A	63 A
Acceptable current rating AC21 category B	63 A
Acceptable current rating AC22 category A	63 A
Acceptable current rating AC22 category B	63 A
Rated short-circuit making capacity Icm under 415 V AC according to IEC 60947-3	1.33 kA
Rated short-time withstand current Icw 1s IEC 60947	0.94 kA

Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
Type of bottom connection for modular devices	Screw terminal

Voltage

Rated operational voltage Ue	400 - 400 V
Type voltage supply	AC
Rated insulation voltage Ui	440 V
Rated impulse withstand voltage Uimp	6,000 V

Capacity

Number of modules	4

Safety

Ingress Protection (IP) class	IP20

Frequency

Frequency	50 - 60 Hz

Dimensions

Height	83 mm
Width	70 mm

Depth	69 mm

Equipment

Number of NO contacts	4
Number of NC contacts	0

Use conditions

Operating temperature	-20 - 70 °C
Storage/transport temperature	-40 - 80 °C

Connection

Cross-section flexible conductor	2.5 - 16 mm²
Cross-section rigid conductor	2.5 - 25 mm²

Endurance

Number of mechanical operations	60,000
Electrical durability at nominal load in AC21 in operating cycles	5,000
Electrical durability at nominal load in AC22 in operating cycles	5,000

Power

Total power loss under IN	9.20 W
Power loss per pole at In	2.30 W

Connectivity

Down connection alignment for modular devices	Aligned terminal
Top connection alignment for modular devices	Aligned terminal