



SBR490

**4-pole, 63A Modular Switch with Red Toggle**

**Technical Features**

**Architecture**

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

**Electric current**

Rated current	63 A
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 $I_{cm}$ under 415 V AC according to IEC 60947-3	1.33 kA
Rated short-time withstand current $I_{cw}$ 1s IEC 60947	0.94 kA
Rated conditional short-circuit current $I_{nc}$ with fuse according to IEC/EN 60669-2-4	6000A/80A gG parallel 32A gG

**Installation, mounting**

Nominal tightening torque	2.80 - 2.80 Nm
---------------------------	----------------

**Voltage**

Rated operational voltage $U_e$	400 - 400 V
Type voltage supply	AC
Rated insulation voltage $U_i$	440 V

**Installation, mounting**

Type of bottom connection for modular devices	Screw terminal
---	----------------

**Voltage**

Rated impulse withstand voltage $U_{imp}$	6000 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
Dimensions	83 x 70 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 mm <sup>2</sup>
Cross-section rigid conductor	2.5 - 25 mm <sup>2</sup>

# Product Datasheet

## SBR463

---

### Endurance

Number of mechanical operations	60000
Electrical durability at nominal load in AC21 in operating cycles	5000
Electrical durability at nominal load in AC22 in operating cycles	5000

### 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

### Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes