

## Product No: S803SC16

### ABB S803S-C16 HIGH PERFORMANCE MCB S803SC16

#### FEATURES

- Protection against short circuit and thermal overload
- Interchangeable terminal, failsafe cage or ring lug terminal
- Laser printed data for quick identification
- Contact position indication
- Finger safety with IP20 terminals
- Pole configuration 3P



#### General Information

Brand	ABB
Product Type	MCB
Series	S800S

#### Technical Attributes

Application	Commercial and Industrial
Breaking Capacity 230V AC - I <sub>cu</sub> (kA)	50
Breaking Capacity 400V AC - I <sub>cu</sub> (kA)	6
Current Limiting Class	3
Curve Type	C Curve
Maximum Operational Voltage AC (V)	690
Maximum Operational Voltage DC (V)	375
No. of Poles	3
No. of Protected Poles	3
Overvoltage Category	4
Power Loss (W)	9.3
Rated Conditional Short-Circuit Current - I <sub>nc</sub> (kA)	50
Rated Current (A)	16
Rated Frequency (Hz)	50
Rated Impulse Withstand Voltage (kV)	8
Rated Insulation Voltage (V)	690
Rated Operational Voltage AC (V)	400/690
Rated Operational Voltage DC (V)	375

### Technical Attributes

Rated Short-Circuit Capacity - I <sub>cn</sub> (kA)	25
Rated Voltage (V)	400
Rated Voltage AC (V)	400
Release Type	C
Voltage Type	AC/DC

### Physical Attributes

Housing Material	Insulation Group I, RAL 7035
Minimum Temperature (°C)	-25
Mounting Type	DIN Rail
Width in Number of Modular Spacings	4.5

### Dimensions

Built-in Depth (mm)	82.5
Cable Cross Section - Flexible (mm <sup>2</sup> )	Top/Bottom - 70/70
Cable Cross Section - Solid/Stranded (mm <sup>2</sup> )	Top/Bottom - 50/50
Dimensions (mm)	81W x 95H x 82.5D
Pole Width (mm)	27

### Protection & Standards

Degree of Protection	IP20
Pollution Degree	3
Standards and Approvals	AS/NZS 60898-1, AS/NZS 60947-2, UL 1077

### Resources

Product catalogue (Flipbook)	<a href="#">Download from here</a>
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