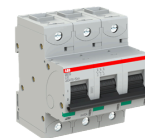


Product No: S803SC50

ABB S803S-C50 HIGH PERFORMANCE MCB S803SC50

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 - Icu (kA) | 50 |
| Breaking Capacity 400V AC - Icu (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) | 12.9 |
| Rated Conditional Short-Circuit Current - Inc (kA) | 50 |
| Rated Current (A) | 50 |
| 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 _{cn} (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 ²) | Top/Bottom - 70/70 |
| Cable Cross Section - Solid/Stranded (mm ²) | 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) | Download from here |
|------------------------------|------------------------------------|