

## Product No: S804BC32

### ABB S804B-C32 HIGH PERFORMANCE MCB S804BC32

#### 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 4P



#### General Information

|              |       |
|--------------|-------|
| Brand        | ABB   |
| Product Type | MCB   |
| Series       | S800B |

#### Technical Attributes

|  |                           |
|--|---------------------------|
| Application  | Commercial and Industrial |
| Breaking Capacity 230V AC - Icu (kA)               | 16                        |
| Breaking Capacity 400V AC - Icu (kA)               | 16                        |
| Current Limiting Class                             | 3                         |
| Curve Type   | C Curve                   |
| Maximum Operational Voltage AC (V)                 | 440                       |
| Minimum Operational Voltage AC (V)                 | 12                        |
| No. of Poles                                       | 4                         |
| No. of Protected Poles                             | 4                         |
| Overvoltage Category                               | 3                         |
| Power Loss (W)                                     | 12.8                      |
| Rated Conditional Short-Circuit Current - Inc (kA) | 16                        |
| Rated Current (A)                                  | 32                        |
| Rated Frequency (Hz)                               | 50                        |
| Rated Impulse Withstand Voltage (kV)               | 6                         |
| Rated Insulation Voltage (V)                       | 500                       |
| Rated Operational Voltage AC (V)                   | 400                       |
| Rated Short-Circuit Capacity - Icn (kA)            | 10                        |

### Technical Attributes

|                      |       |
|----------------------|-------|
| 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 | 6                            |

### 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)   | 106W 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 |

### Resources

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