

## Product No: S203D50

### ABB S203D50 MCB 6kA 3P 50A 400VAC D CURVE INDUSTRIAL

#### FEATURES

- - Protection against short circuit and thermal overload
- - Twin terminal for separate feeding of busbar and conductor
- - Contact Position Indication
- - Captive screws
- - Finger safety with IP20 terminals
- - Pole configuration 3P



#### General Information

|              |      |
|--------------|------|
| Brand        | ABB  |
| Product Type | MCB  |
| Series       | S200 |

#### Technical Attributes

|                                                                |                           |
|----------------------------------------------------------------|---------------------------|
| Application                                                    | Commercial and Industrial |
| Breaking Capacity 400V AC - I <sub>cu</sub> (kA)               | 10                        |
| Curve Type                                                     | D Curve                   |
| Maximum Operational Voltage AC (V)                             | 440                       |
| Minimum Operational Voltage AC (V)                             | 12                        |
| Minimum Operational Voltage DC (V)                             | 12                        |
| No. of Poles                                                   | 3P                        |
| Power Loss (W)                                                 | 2.9/Pole                  |
| Rated Conditional Short-Circuit Current - I <sub>nc</sub> (kA) | 20                        |
| Rated Current (A)                                              | 50                        |
| Rated Frequency (Hz)                                           | 50/60                     |
| Rated Impulse Withstand Voltage (kV)                           | 4                         |
| Rated Insulation Voltage (V)                                   | 440                       |
| Rated Operational Voltage AC (V)                               | 400                       |
| Rated Short-Circuit Capacity - I <sub>cn</sub> (kA)            | 6                         |

### Physical Attributes

|                  |                               |
|------------------|-------------------------------|
| Housing Material | Insulation Group II, RAL 7035 |
| Mounting Type    | DIN Rail                      |

### Dimensions

|                                                         |                    |
|---------------------------------------------------------|--------------------|
| Busbar Cross Section (mm <sup>2</sup> )                 | Top/Bottom - 10/10 |
| Cable Cross Section - Flexible (mm <sup>2</sup> )       | Top/Bottom - 25/25 |
| Cable Cross Section - Solid/Stranded (mm <sup>2</sup> ) | Top/Bottom - 35/35 |
| Dimensions (mm)                                         | 88H x 69D x 52.5W  |
| Pole Width (mm)                                         | 17.5               |

### 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> |
|------------------------------|------------------------------------|