

## Product No: S303PC50

### ABB MCB 3P 50A 15KA C CURVE S300P S303PC50



#### General Information

|              |       |
|--------------|-------|
| Brand        | ABB   |
| Product Type | MCB   |
| Series       | S300P |

#### Technical Attributes

|   |           |
|---|-----------|
| Power Supply Connection                             | Arbitrary |
| Curve Type  | C         |
| Dielectric Test Voltage (kV)                        | 2         |
| Electrical Endurance (Cycles)                       | 10000     |
| Maximum Operational Voltage AC (V)                  | 457       |
| Mechanical Endurance (Cycles)                       | 20000     |
| Net Weight (kg)                                     | 0.372     |
| No. of Poles  | 3P        |
| No. of Protected Poles                              | 3P        |
| Overvoltage Category                                | IV        |
| Power Loss (W)                                      | 11.1      |
| Rated Current (A)                                   | 50        |
| Rated Frequency (Hz)                                | 50/60     |
| Rated Impulse Withstand Voltage (kV)                | 6         |
| Rated Insulation Voltage (V)                        | 500       |
| Rated Operational Voltage AC (V)                    | 415       |
| Rated Short-Circuit Capacity - I <sub>cn</sub> (kA) | 15 (400V) |

|                            |                 |
|----------------------------|-----------------|
| Terminal Type              | Screw Terminals |
| Tightening Torque (Nm)     | 2.8             |
| Voltage Type               | AC/DC           |
| Wire Stripping Length (mm) | 14              |

#### Physical Attributes

|                                |                                      |
|--------------------------------|--------------------------------------|
| Actuator Material              | Insulation Group II, Black, Sealable |
| Ambient Temperature Range (°C) | -40 to +70 (Operation)               |
| Housing Material               | Insulation Group I, RAL 7039         |
| Mounting Position              | Any                                  |
| Mounting Type                  | DIN Rail                             |

#### Dimensions

|                 |                   |
|-----------------|-------------------|
| Dimensions (mm) | 52.5W x 88H x 69D |
|-----------------|-------------------|

#### Protection & Standards

|                      |  |
|----------------------|--|
| Degree of Protection | IP20, IP40 in enclosure with cover                                 |
| Pollution Degree     | 3  |
| Standards            | CSA 22.2 No. 235,<br>IEC/EN 60898-1,<br>IEC/EN 60947-2,<br>UL 1077 |