

## Product No: S301PC32

### ABB MCB 1P 32A 15KA C CURVE S300P S301PC32

#### FEATURES

- Assures protection in industrial installations against overload and short circuits
- IEC and UL standards
- C Curve



#### 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)        | 20000           |
| Maximum Operational Voltage AC (V)   | 254             |
| Mechanical Endurance (Cycles)        | 20000           |
| Net Weight (kg)                      | 0.124           |
| No. of Poles                         | 1P              |
| No. of Protected Poles               | 1P              |
| Overvoltage Category                 | IV              |
| Power Loss (W)                       | 2.9             |
| Rated Current (A)                    | 32              |
| Rated Frequency (Hz)                 | 50/60           |
| Rated Impulse Withstand Voltage (kV) | 6               |
| Rated Insulation Voltage (V)         | 500             |
| Rated Operational Voltage AC (V)     | 240             |
| Terminal Type                        | Screw Terminals |

|                            |         |
|----------------------------|---------|
| Tightening Torque (Nm)     | 2.8     |
| Trip Curve                 | C Curve |
| 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) | 17.5W x 88H x 67.6D |
|-----------------|---------------------|

#### 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 |