

Representative Image

# Alternate Catalog No. S801S-D50
# Catalog No. 2CCS861001R0501

**Description: MCB S800S 1P D 50A**

**UPC No 7612271201036**

**Home > Modular DIN Rail Products > Mini Circuit breakers**

The S801S-D50 is a 1-pole High Performance Circuit breaker with D-Dharacteristic, with cage terminal and a rated current of 50 A. It is a current limiting device with a maximum breaking capacity of 50kA at 240/415V. It can be used for voltages up to 400/690V and in DC as well. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S801S-D50 complies with IEC/EN 60898-1 and IEC/EN 60947-2 and allows the use for residential, commercial and industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S801S-D50 more comfortable. Due to the fast arc extinction of S801S-D50 your application will be secured.

## Descriptors

| | |
|---|---|
| Category | Mini Circuit breakers |

## Specifications

| | |
|---|---|
| Interrupting Rating acc. to UL1077 | (240 V AC) 30 kA<br>(277 V AC) 14 kA<br>(347 V AC) 6 kA |
| Number of Poles | 1 |
| Power Loss | at Rated Operating Conditions per Pole 4.3 W |
| Product Main Type | S800S |
| Rated Current | 50 A |
| Rated Short-Circuit Capacity | (230 / 400 V AC) 25 kA |
| Rated Ultimate Short-Circuit Breaking Capacity | (240 / 415 V AC) 50 kA<br>(254 / 440 V AC) 30 kA<br>(400 / 690 V AC) 6 kA<br>(125 V DC) 30 kA |
| Rated Voltage (V) | (240 V AC)<br>(277 V AC)<br>(347 V AC) |
| Standards | IEC/EN 60947-2<br>IEC/EN 60898-1<br>UL 1077 |
| Tripping Characteristic | D |

by ABB