

## Product No: S801HVK50

### ABB S801HV-K50 HIGH PERFORMANCE MCB S801HVK50

#### 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 1P



#### General Information

Brand	ABB
Product Type	MCB
Series	S800HV

#### Technical Attributes

Application	Commercial and Industrial
Breaking Capacity 230V AC - I <sub>cu</sub> (kA)	4
Current Limiting Class	3
Curve Type	K Curve
Minimum Operational Voltage AC (V)	12
No. of Poles	1
No. of Protected Poles	1
Overtoltage Category	3
Power Loss (W)	4.3
Rated Conditional Short-Circuit Current - I <sub>nc</sub> (kA)	4
Rated Current (A)	50
Rated Frequency (Hz)	50
Rated Impulse Withstand Voltage (kV)	8
Rated Insulation Voltage (V)	1000
Rated Operational Voltage AC (V)	580/1000
Rated Short-Circuit Capacity - I <sub>cn</sub> (kA)	2.5
Rated Voltage (V)	230
Rated Voltage AC (V)	1000

### Technical Attributes

Release Type	K
Voltage Type	AC

### Physical Attributes

Housing Material	Insulation Group I, RAL 7035
Minimum Temperature (°C)	-25
Mounting Type	DIN Rail
Width in Number of Modular Spacings	1.5

### 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)	27W x 142H x 82.5D
Pole Width (mm)	27

### Protection & Standards

Degree of Protection	IP20
Pollution Degree	2
Standards and Approvals	AS/NZS 60947-2, UL 1077

### Resources

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