

Product No: S803HVK8

ABB S803HV-K8 HIGH PERFORMANCE MCB S803HVK8

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 3P



General Information

Brand	ABB
Product Type	MCB
Series	S800HV

Technical Attributes

Application	Commercial and Industrial
Breaking Capacity 230V AC - I _{cu} (kA)	4
Breaking Capacity 400V AC - I _{cu} (kA)	4
Current Limiting Class	3
Curve Type	K Curve
Minimum Operational Voltage AC (V)	12
No. of Poles	3
No. of Protected Poles	3
Oversvoltage Category	3
Power Loss (W)	5.1
Rated Conditional Short-Circuit Current - I _{nc} (kA)	4
Rated Current (A)	8
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 _{cn} (kA)	2.5
Rated Voltage (V)	400

Technical Attributes

Rated Voltage AC (V)	1000
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	4.5

Dimensions

Built-in Depth (mm)	82.5
Cable Cross Section - Flexible (mm ²)	Top/Bottom - 70/70
Cable Cross Section - Solid/Stranded (mm ²)	Top/Bottom - 50/50
Dimensions (mm)	81W 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