

ABB DS-ARC1MC20A30 AFDD WITH RCBO 10kA 1P+N 20A C TYP A 30mA

DS-ARC1MC20A30

FEATURES

- Complete protection against arc faults overvoltages, overcurrent, earth fault currents
- 1P+N: 10kA @ 230VAC to IEC/EN 61009-2-1



GENERAL INFORMATION

Brand	ABB
Product Type	ARC Fault Detection Device
Series	DS-ARC1M

TECHNICAL ATTRIBUTES

Application	Commercial and Industrial
Breaking Capacity 230V AC - I _{cu} (kA)	10
Curve Type	C Curve
No. of Poles	1P+N
Power Loss (W)	4.2
Rated Conditional Short-Circuit Current - I _{nc} (kA)	10
Rated Current (A)	20
Rated Frequency (Hz)	50/60
Rated Impulse Withstand Voltage (kV)	4
Rated Insulation Voltage (V)	500
Rated Operational Voltage AC (V)	230/240
Rated Residual Current (mA)	30
Rated Short-Circuit Capacity - I _{cn} (kA)	10
Rated Voltage AC (V)	230
Type of Residual Current	A

PHYSICAL ATTRIBUTES

Housing Material	Insulation group I, RAL 7035
Mounting Type	DIN Rail

DIMENSIONS

Cable Cross Section (mm ²)	25
Dimensions (mm)	85H x 69D x 52.5W

PROTECTION & STANDARDS

Degree of Protection	IP40 (Housing), IP20 (Terminals)
Pollution Degree	2
Standards and Approvals	IEC/EN 62020

RESOURCES

Product catalogue (Flipbook)	Download from here
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