



MCB 1P 3kA C-20A 1M

Reference: MV120Z
 EAN Code: 3250614527036
 Pack quantity: 1 Part
 Product price list: To be defined

Description

Technical information	Values
Breaking capacity	3 kA
Breaking capacity on 1 pole with 400 V NF 60947-2	3 kA
Class of energy limitation I ² t	3
Correction factor of magnetic tripping with 100 Hz	1.1
Correction factor of magnetic tripping with 200 Hz	1.2
Correction factor of magnetic tripping with 400 Hz	1.5
Correction factor of magnetic tripping with 60 Hz	1
Curve	C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Device family	MV
Frequency	50/60 Hz
Hager installation time	90 s
Hager wiring time	225 s
Height of installed product	83 mm
Installation time	90 s
Magnetic regulating current at 40° C	5 IN; 10 IN
Maximum downstream fuse rating aM for selectivity on DC	2 A
Maximum downstream fuse rating gL for selectivity on DC	6 A
min/maxi threshold value of the AC thermal operation	1.13 IN; 1.45 IN
min/maxi threshold value of the DC magnetic operation	7 IN; 15 IN
min/maxi threshold value of the DC thermal operation	1.13 IN; 1.45 IN
Net weight of the product	118 g
Number of half-modules for the labelling field	0 ½ Mod

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Technical information	Values
Number of poles	1 P
Number of products in the packaging	1
Position of the terminals	Aligned
Product group number for calculating the heating processes	1
Protection index IP	IP20
Quantity of half modules of 17,7mm	2 ½ Mod
Rated current	20 A
Rated service breaking capacity Ics AC according IEC 60898-1	3 kA
Rated short circuit breaking capacity Icn AC according IEC60898-1	3 kA
Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1	3 kA
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	10 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	10 kA
Rating current 0°C	22.2 A
Rating current 10°C	21.5 A
Rating current -10°C	22.8 A
Rating current 15°C	21.1 A
Rating current -15°C	23.2 A
Rating current 20°C	20.7 A
Rating current -20°C	23.5 A
Rating current 25°C	20.4 A
Rating current -25°C	23.8 A
Rating current 30°C	20 A
Rating current 35°C	19.6 A
Rating current 40°C	19.2 A
Rating current 45°C	18.8 A
Rating current 5°C	21.8 A
Rating current -5°C	22.5 A
Rating current 50°C	18.4 A
Rating current 55°C	18 A
Rating current 60°C	17.6 A
Rating current 65°C	17.2 A
Rating current 70°C	16.8 A
Tightening torque	2,8Nm
Total power loss under IN	2.7 W
Type of pole	1P

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Technical information	Values
Wiring time	225 s