



### MCB 1P+N 4.5/6kA C-20A 1M

Reference: MJT720  
 EAN Code: 3250614325830  
 Pack quantity: 12 Part  
 Product price list: To be defined

#### Description

Technical information	Values
Breaking capacity	[4,5kA] - 6kA
Breaking capacity on 1 pole with 230 V NF 60947-2	2 kA
Breaking capacity on 1 pole with 400 V NF 60947-2	2 kA
Class of energy limitation I <sup>2</sup> t	3
Connection cross section of access and exit with screws, for flexible conductor	0.75 mm <sup>2</sup> to 10 mm <sup>2</sup>
Connection cross-section of input and output with screws, for massive conductors	0.75 mm <sup>2</sup> to 16 mm <sup>2</sup>
Connection type (text)	With screw
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	3
Depth of installed product	70 mm
Device family	MJT
Electric endurance in number of cycles	5000
Frequency	50/60 Hz
Group number of the product for the heating calculation	1
Hager installation time	90 s
Height of installed product	84 mm
Installation time	90 s
Is the MCB with disconnected neutral ?	yes
Length	96.1 mm

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Technical information	Values
Magnetic regulating current at 40° C	5 IN; 10 IN
Max operating voltage	253 V
min/maxi threshold value of the AC thermal operation	1.13 IN; 1.45 IN
min/maxi threshold value of the DC magnetic operation	0 IN
min/maxi threshold value of the DC thermal operation	0 IN
Neutral position	left
Number of half-modules for the labelling field	2 ½ Mod
Number of mechanical operations	20000
Number of modules	1
Number of poles	2 P
Number of products in the packaging	12
Operating temperature	-25 °C to 60 °C
Power loss per pole at In	1.7 W
Quantity of half modules of 17,7mm	2 ½ Mod
Rated current	20 A
Rated impulse withstand voltage	4000 V
Rated insulation voltage	300 V
Rated operational voltage Ue	230 V; 240 V
Rated service breaking capacity Ics AC according IEC 60898-1	4.5 kA
Rated service breaking capacity Ics AC according IEC 60947-2	75 %
Rated short circuit breaking capacity Icn AC according IEC60898-1	4.5 kA
Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1	4.5 kA
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	6 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	0 kA
Rating current 0°C	22.5 A
Rating current 10°C	21.7 A
Rating current 20°C	20.9 A
Rating current 25°C	20.4 A
Rating current 30°C	20 A
Rating current 35°C	19.7 A
Rating current 40°C	19.4 A
Rating current 45°C	19 A
Rating current 50°C	18.7 A
Rating current 55°C	18.3 A
Rating current 60°C	18 A

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Technical information	Values
Rating current 70°C	13.6 A
Tightening torque	1,9Nm
Time of response when opening	7 ms
Top connection alignment for modular devices	Offset
Total power loss under IN	3.3 W
Type of pole	1P+N
Virtual weight	105 g
Width of installed product	17 mm
Wiring time	390 s
Wiring time - Hager made	390 s