



MCB 1P+N 4.5/6kA C-10A 1M

Reference: MJT710
 EAN Code: 3250614325816
 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 ² t	3
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
Hager installation time	90 s
Hager wiring time	360 s
Height of installed product	84 mm
Installation time	90 s
Is the MCB with disconnected neutral ?	yes
Length	96.1 mm
Magnetic regulating current at 40° C	5 IN; 10 IN
Max operating voltage	253 V

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Technical information	Values
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
Net weight of the product	105 g
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
Position of the terminals	Offset
Power loss per pole at In	1.3 W
Product group number for calculating the heating processes	1
Quantity of half modules of 17,7mm	2 ½ Mod
Rated current	10 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	11.6 A
Rating current 10°C	11.1 A
Rating current 20°C	10.6 A
Rating current 25°C	10.3 A
Rating current 30°C	10 A
Rating current 35°C	9.8 A
Rating current 40°C	9.6 A
Rating current 45°C	9.4 A
Rating current 50°C	9.1 A
Rating current 55°C	8.9 A

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Technical information	Values
Rating current 60°C	8.7 A
Rating current 70°C	6.8 A
Response time to the opening	7 ms
Tightening torque	1,9Nm
Top and bottom screw terminals connection capacity with flexible cable	0.75 mm ² to 10 mm ²
Top and bottom screw terminals connection capacity with rigid cable	0.75 mm ² to 16 mm ²
Total power loss under IN	2.5 W
Type of pole	1P+N
Width of installed product	17 mm
Wiring time	360 s