



### MCB 2P 6kA C-50A 2M

Reference: MA250Z  
 EAN Code: 3250614343452  
 Pack quantity: 6 Part  
 Product price list: To be defined

#### Description

Technical information	Values
Breaking capacity	6 kA
Breaking capacity on 1 pole with 400 V NF 60947-2	3 kA
Class of energy limitation I <sup>2</sup> 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
Depth of installed product	70 mm
Device family	MN
Electric endurance in number of cycles	4000
Frequency	50 Hz
Hager installation time	90 s
Hager wiring time	480 s
Height of installed product	83 mm
Installation time	90 s
Is the MCB with disconnected neutral ?	no
Magnetic regulating current at 40° C	5 IN; 10 IN
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	259 g

## MA250Z

Technical information	Values
Number of half-modules for the labelling field	0 ½ Mod
Number of mechanical operations	20000
Number of modules	2
Number of poles	2 P
Number of products in the packaging	6
Operating temperature	-25 °C to 60 °C
Position of the terminals	Aligned
Power loss per pole at In	4.25 W
Product group number for calculating the heating processes	1
Protection index IP	IP20
Quantity of half modules of 17,7mm	4 ½ Mod
Rated current	50 A
Rated impulse withstand voltage	4000 V
Rated insulation voltage	500 V
Rated operational voltage Ue	230 V; 400 V
Rated service breaking capacity Ics AC according IEC 60898-1	6 kA
Rated short circuit breaking capacity Icn AC according IEC60898-1	6 kA
Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1	6 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	6 kA
Rating current 0°C	58.7 A
Rating current 10°C	56.1 A
Rating current -10°C	61.1 A
Rating current 15°C	54.7 A
Rating current -15°C	62.3 A
Rating current 20°C	53.4 A
Rating current -20°C	63.5 A
Rating current 25°C	52 A
Rating current -25°C	64.7 A
Rating current 30°C	50 A
Rating current 35°C	48.8 A
Rating current 40°C	47.7 A
Rating current 45°C	46.5 A
Rating current 5°C	57.4 A
Rating current -5°C	59.9 A

## MA250Z

Technical information	Values
Rating current 50°C	45.3 A
Rating current 55°C	44.1 A
Rating current 60°C	43 A
Rating current 65°C	41.8 A
Rating current 70°C	40.6 A
Standard text	IEC 60947-2
Tightening torque	2,8Nm
Top and bottom screw terminals connection capacity with flexible cable	1 mm <sup>2</sup> to 16 mm <sup>2</sup>
Top and bottom screw terminals connection capacity with rigid cable	1 mm <sup>2</sup> to 25 mm <sup>2</sup>
Total power loss under IN	8.4 W
Type of pole	2 P
Width of installed product	35 mm
Wiring time	480 s