



### MCB 1P 6kA C-20A 1M

Reference: MA120Z  
 EAN Code: 3250614343148  
 Pack quantity: 12 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                |
| Device family  | MN               |
| Frequency  | 50 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      |
| 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          |
| Number of poles  | 1 P              |
| Number of products in the packaging                      | 12               |

## MA120Z

| Technical information  | Values  |
|--|---------|
| 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                 | 6 kA    |
| Rated short circuit breaking capacity Icn AC according IEC60898-1            | 6 kA    |
| Rated short circuit breaking capacity Icn under 230V 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   | 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   | 1 P     |
| Wiring time  | 225 s   |