



MCB 1P 6/10kA D-10A 1M

Reference: NGN110
 EAN Code: 3250614628726
 Pack quantity: 12 Part
 Product price list: To be defined

Description

| Technical information | Values |
|--|------------------|
| Breaking capacity | 6 |
| Breaking capacity on 1 pole with 400 V NF 60947-2 | 3 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 | D |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
| Depth of installed product | 70 mm |
| Device family | NGN |
| Electric endurance in number of cycles | 10000 |
| Frequency | 50/60 Hz |
| Hager installation time | 90 s |
| Hager wiring time | 210 s |
| Height of installed product | 83 mm |
| Installation time | 90 s |
| Is the MCB with disconnected neutral ? | no |
| Magnetic regulating current at 40° C | 10 IN; 14.4 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 |

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| Technical information | Values |
|--|------------------|
| min/maxi threshold value of the DC magnetic operation | 15 IN; 30 IN |
| min/maxi threshold value of the DC thermal operation | 1.13 IN; 1.45 IN |
| Net weight of the product | 112 g |
| Number of half-modules for the labelling field | 2 ½ Mod |
| Number of mechanical operations | 20000 |
| Number of modules | 1 |
| Number of poles | 1 P |
| Number of products in the packaging | 12 |
| Operating temperature | -25 °C to 60 °C |
| Position of the terminals | Aligned |
| Power loss per pole at In | 1.9 W |
| 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 | 10 A |
| Rated current at 60°C in accordance with IEC947-2 | 9.19 A |
| Rated current at 65°C in accordance with IEC947-2 | 8.75 A |
| Rated current at 70°C in accordance with IEC947-2 | 8.29 A |
| Rated impulse withstand voltage | 6000 V |
| Rated insulation voltage | 0.5 V |
| Rated operational voltage Ue | 230 V; 400 V |
| Rated service breaking capacity Ics AC according IEC 60898-1 | 6 kA |
| Rated service breaking capacity Ics AC according IEC 60947-2 | 75 % |
| 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 | 10 kA |
| Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 | 10 kA |
| Rating current 10°C according to IEC 60947-2 | 12.75 A |
| Rating current -10°C according to IEC 60947-2 | 13.92 A |
| Rating current -15°C according to IEC 60947-2 | 14.2 A |
| Rating current 150°C according to IEC 60947-2 | 12.44 A |
| Rating current 20°C according to IEC 60947-2 | 12.12 A |
| Rating current -20°C according to IEC 60947-2 | 14.47 A |
| Rating current 25°C according to IEC 60947-2 | 11.79 A |
| Rating current -25°C according to IEC 60947-2 | 14.74 A |

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| Technical information | Values |
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| Rating current 30°C according to IEC 60947-2 | 11.46 A |
| Rating current 35°C according to IEC 60947-2 | 11.11 A |
| Rating current 40°C according to IEC 60947-2 | 10.75 A |
| Rating current 45°C according to IEC 60947-2 | 10.38 A |
| Rating current 50°C according to IEC 60947-2 | 10 A |
| Rating current 55°C according to IEC 60947-2 | 9.6 A |
| Tightening torque | 2,8Nm |
| Top and bottom screw terminals connection capacity with flexible cable | 1 mm ² to 25 mm ² |
| Top and bottom screw terminals connection capacity with rigid cable | 1 mm ² to 35 mm ² |
| Total power loss under IN | 1.87 W |
| Type of pole | 1P |
| Width of installed product | 17 mm |
| Wiring time | 210 s |