



HDA064Z

Moulded Case Circuit Breaker h3 x160 TM FIX 4P4D 63A 18kA CTC

Technical properties

| Number of protected poles | 4 |
|---------------------------------------------------------------------------------|----------------|
| Number of poles | 4 F |
| Type of case | Fixed built-ir |
| Functions | |
| Complete device with protection unit | Yes |
| Trip Unit | TM F/F |
| Integrated earth fault protection | No |
| Controls and indicators | |
| Motor drive integrated | No |
| Main electrical features | |
| Rated operational voltage Ue | 220 / 415 \ |
| Frequency | 50/60 Hz |
| Voltage | |
| Rated insulation voltage | 690 \ |
| Rated impulse withstand voltage | 8 k\ |
| With under voltage release | N |
| Electric current | |
| Rated current | 63 / |
| Thermal protection nob setting xIN | |
| Rating current 10°C according to IEC 60947 | 76.4 <i>I</i> |
| Rating current 15°C according to IEC 60947 | 74.9 / |
| Rating current 20°C according to IEC 60947 | 73.3 / |
| Rating current 25°C according to IEC 60947 | 71.7 / |
| Rating current 30°C according to IEC 60947 | 70 / |
| Rating current 35°C according to IEC 60947 | 68.3 <i>i</i> |
| Rating current 40°C according to IEC 60947 | 66.6 A |
| Rating current 45°C according to IEC 60947 | 64.8 / |
| Rating current 50°C according to IEC 60947 | 63 / |
| Rating current 55°C according to IEC 60947 | 61.1 |
| Rating current 60°C according to IEC 60947 | 59.1 / |
| Rating current 65°C according to IEC 60947 | 57.1 / |
| Rating current 70°C according to IEC 60947 | 55 / |
| Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 | 25 k/ |
| | 23 N |

| capacity Icu under 400V AC IEC 60947-2 18 kA Rated ultimate short-circuit breaking 18 kA Range of the thermal adjustment 63 A Rated ultimate short-circuit breaking 18 kA Dimensions 18 kA Depth of installed product 68 mm Height of installed product 68 mm Height of installed product 68 mm Frequency 50 to 60 Hz Power 100 mm Total power loss under IN 21.3 W Power 21.0 Mm Electric endurance in number of cycles 1000 M Installation, mounting 1000 Mm Number of mechanical operations 4000 Settings 1000 A Equipment 000 A Number of auxiliary contacts as normally contact as normally contact 0 Oper of auxiliary contacts as change- or ever contact 0 Number of auxiliary contacts as normally contact as normally contact as change- or ever contact 0 Number of auxiliary contacts as normally contact as normally contact as change- or ever contact 0 Number of auxiliary contacts as change- or ever contact 0 Number of auxiliary contacts as change- | Rated ultimate short-circuit breaking | 25 kA |
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| Rated ultimate short-circuit breaking capacity icu under 380V AC IEC 60947-2 18 kA Dimensions 68 mm Depth of installed product 68 mm Height of installed product 100 mm Frequency 50 to 60 Hz Power 70 to 60 Hz Total power loss under IN 21.3 W Power 71.1 W Endurance 1000 nm Electric endurance in number of cycles 10000 Number of mechanical operations 4000 Installation, mounting 1000 A Settings 1000 A Equipment 1000 A Number of auxiliary contacts as normally closed contact 0 Number of auxiliary contacts as normally closed contact 0 Number of auxiliary contacts as normally closed contact 0 Number of auxiliary contacts as normally closed contact 0 Number of auxiliary contacts as normally closed contact 0 Number of auxiliary contacts as normally closed contact 0 Number of auxiliary contacts as change- over contact 0 Number of auxiliary contacts as change- over contact 0 Standards IEC 60947-2 | Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 | 18 kA |
| capacity icu under 380V AC IEC 60947-2 18 kA Dimensions 68 mm Depth of installed product 68 mm Height of installed product 100 mm Frequency 50 to 60 Hz Power 70 Total power loss under IN 21.3 W Power loss per pole at In 7.1 W Endurance 1000 A Electric endurance in number of cycles 1000 A Installation, mounting 1000 A Settings 1000 A Equipment 000 A Number of auxiliary contacts as normally closed contact 0 Number of auxiliary contacts as normally closed contact 0 Number of auxiliary contacts as change- over contact 0 Number of auxiliary contacts as change- over contact 0 Number of auxiliary contacts as change- over contact 0 Number of auxiliary contacts as change- over contact 0 Number of auxiliary contacts as change- over contact 0 Number of auxiliary contacts as change- over contact 0 Number of auxiliary contacts as change- over contact 0 REACH conform Yes Standard text | Range of the thermal adjustment | 63 A |
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Subject to technical modifications

temperatur

Temperature of calibration

50 °C