



HNF981H

Moulded Case Circuit Breaker h1600 4P 50kA 1250A LSI

Technical properties

| Arc | -hi | +~ | ct. | IFO |
|-----|-----|----|-----|-----|
| | | | | |

| Architecture | |
|---|---|
| Type of order | Toggle |
| Number of poles | 4 P |
| Type of pole | 4P4D N:0/50/100% |
| Functions | |
| Complete device with protection unit | Yes |
| Trip Unit | LSI |
| With integrated earth leakage fault protection | No |
| Configuration | |
| Number of modules | 16 |
| Main electrical features | |
| Rated operational voltage Ue | 220 / 690 V |
| Frequency | 50/60 Hz |
| Voltage | |
| Rated insulation voltage | 800 V |
| Rated impulse withstand voltage | 8 kV |
| With under voltage release | No |
| Electric current | |
| Rated current | 1250 A |
| Rated ultimate short-circuit breaking capa- city Icu under 690V AC IEC 60947-2 | 45 kA |
| Thermal protection nob setting xIN | 0.4 / 0.5 / 0.63 / 0.8 / 0.9 / 0.95 / 1 |
| Thermal setting current on neutral pole | 0 / 0.5 / 1 ln |
| Breaking capacity on 1 pole for IT 230V NF 60947-2 | 60 kA |
| Breaking capacity on 1 pole for IT 400V NF 60947-2 | 9 kA |
| Rated service breaking capacity Ics AC according IEC 60947-2 | 100 % |
| Rated ultimate short-circuit breaking capa- city Icu under 230V AC IEC 60947-2 | 100 kA |
| Rated ultimate short-circuit breaking capa- city Icu under 240V AC IEC 60947-2 | 100 kA |
| Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 | 50 kA |
| Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 | 50 kA |
| | |

| Settings | |
|---|--|
| Range of the magnetic adjustment | 7000 / 8750 / 11200 / 14000 / 15000 / 15000 / 15000 A |
| Magnetic protection nob setting xIN | 2.5 / 5 / 10 |
| Setting type In or Ith | IrTh |
| Equipment | |
| Number of auxiliary contacts as normally closed contact | 0 |
| Number of auxiliary contacts as normally open contact | 0 |
| Number of auxiliary contacts as change- over contact | 0 |

Yes

Use cases

Motor drive optional

Category of useAStandardsIEC 60947-2Use conditionsJust conditionsOperating temperature-25...70 °CAltitude2000 mAir humidity protectionfor all climates

-35...70 °C

Storage/transport temperature