

4 - 70 mm<sup>2</sup>

4 - 95 mm<sup>2</sup>



## HDA016L

## Moulded Case Circuit Breaker h3 x160 TM FIX 3P3D 16A 18kA CTC

## **Technical properties**

| Toomical proportion  |                 |
|--|-----------------|
| Electric current   |                 |
| Rated current  | 16 A            |
| Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2      | 18 kA           |
| Rated ultimate short-circuit breaking capa-<br>city Icu under 240 V AC IEC 60947-2 | 25 kA           |
| Rated service breaking capacity Ics under<br>230 V AC according to IEC 60947-2     | 25 kA           |
| Rated service breaking capacity lcs under<br>400 V AC according to IEC 60947-2     | 18 kA           |
| Architecture   |                 |
| Number of poles  | 3               |
| Control/operation element  | Toggle          |
| Device construction type   | Fixed built-in  |
| Neutral position   | Without neutral |
| Tripping   |                 |
| Response time when opening   | 10 ms           |
| Frequency  |                 |
| Frequency  | 50 - 60 Hz      |
| Voltage  |                 |
| Rated impulse withstand voltage Uimp   | 8,000 V         |
| Rated insulation voltage Ui  | 690 V           |
| Functions  |                 |
| Trip unit  | TM F/F          |
| Power  |                 |
| Total power loss under IN  | 5.30 W          |
| Endurance  |                 |
| Electric endurance in number of cycles   | 1,000           |
| Number of mechanical operations  | 4,000           |
| Safety   |                 |
| Ingress Protection (IP) class  | IP4X            |
|  |                 |

Connection

Cross-section flexible conductor

Cross-section rigid conductor

| Installation, mounting              |                |
|-------------------------------------|----------------|
| Mounting-/Connection Position       | Front          |
| Connectivity                        |                |
| Type of connection                  | Screw terminal |
| Settings                            |                |
| Thermal protection knob setting xIN | 1, 1           |
| Dimensions                          |                |
| Height                              | 130 mm         |
| Width                               | 75 mm          |
| Depth                               | 68 mm          |
| Compatibility                       |                |
| Suitable for DIN Rail               | Yes            |
| Main electrical attributes          |                |

0 - 0 ms

Magnetic protection trip time