

# Bảng thông số sản phẩm

## Đặc điểm

# 33251

## circuit breaker Compact NS1250H - 3 poles - 1250 A - fixed - without trip unit



### Main

|  |  |
|--|--|
| Range  | ComPact  |
| Range of product                                     | ComPact NS630b...1600  |
| Device short name                                    | Compact NS1250H  |
| Product or component type                            | Basic frame  |
| Device application                                   | Distribution   |
| Number of poles                                      | 3P   |
| [In] rated current                                   | 1250 A at 50 °C  |
| [Ue] rated operational voltage                       | 690 V AC 50/60 Hz  |
| Network type   | AC   |
| Network frequency                                    | 50/60 Hz   |
| Suitability for isolation                            | Yes conforming to EN/IEC 60947-2   |
| Utilisation category                                 | Category B   |
| [Icu] rated ultimate short-circuit breaking capacity | 85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2<br>42 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2<br>65 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>70 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 |
| Performance level                                    | H 70 kA 415 V AC   |
| Control type   | Rotary handle<br>Toggle  |
| Mounting mode  | Fixed  |

### Complementary

|   |  |
|---|--|
| [Ui] rated insulation voltage                       | 800 V AC 50/60 Hz conforming to IEC 60947-2  |
| [Uimp] rated impulse withstand voltage              | 8 kV conforming to IEC 60947-2   |
| [Ics] rated service short-circuit breaking capacity | 30 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)<br>40 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)<br>50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)<br>50 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) |

|   |  |
|---|--|
|   | 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)  |
| [I <sub>cw</sub> ] rated short-time withstand current | 19.2 kA 1 s conforming to IEC 60947-2  |
| Integral instant protection                           | 40 kA  |
| Mechanical durability                                 | 10000 cycles conforming to IEC 60947-2   |
| Electrical durability                                 | 2000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2<br>3000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2<br>4000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2<br>5000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 |
| Power losses  | 44 W   |
| Mounting support                                      | Backplate  |
| Connection pitch                                      | 70 mm  |
| Protection type                                       | Without protection   |
| Height (H)  | 327 mm   |
| Width (W)   | 210 mm   |
| Depth (D)   | 147 mm   |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60947-2                  |
| Product certifications                | ASEFA<br>ASTA<br>LCIE        |
| Pollution degree                      | 3 conforming to IEC 60947    |
| IP degree of protection               | IP40 conforming to IEC 60529 |
| IK degree of protection               | IK07 conforming to EN 50102  |
| Ambient air temperature for operation | -25...70 °C                  |
| Ambient air temperature for storage   | -50...85 °C                  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 11.231 kg |
| Package 1 Height             | 37 cm     |
| Package 1 width              | 39.5 cm   |
| Package 1 Length             | 23 cm     |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|