

# C125H4WM

Circuit breaker frame, ComPacT NS1250H,  
70kA at 415VAC, 1250A, 4P, drawout,  
manually operated, without control unit



## Main

|  |  |
|--|--|
| Range  | ComPacT  |
| Range of product                                     | ComPacT NS630b...1600 new generation   |
| Product or component type                            | Basic frame  |
| Device application                                   | Distribution   |
| Number of poles                                      | 4P   |
| Neutral position                                     | Left   |
| [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>70 KA Icu at 380/415 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>50 KA Icu at 500/525 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 |
| Performance level                                    | H 70 kA 415 V AC   |
| Control type   | Manually operated  |
| Mounting mode  | Drawout  |

## 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 | 52 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2<br>52 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>48 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>37 KA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2<br>31 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Icw] 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  | 84 W   |
| Mounting support                                    | Backplate  |
| Connection pitch                                    | 70 mm  |
| Protection type                                     | Without protection   |
| Height (H)  | 327 mm   |
| Width (W)   | 280 mm   |
| Depth (D)   | 147 mm   |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60947-2                  |
| Product certifications                | IECEE CB Scheme              |
| 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 Height             | 2.0 cm |
| Package 1 Width              | 1.0 cm |
| Package 1 Length             | 2.0 cm |
| Package 1 Weight             | 10.0 g |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>               |
| EU RoHS Directive          | Compliant with Exemptions   |
| Mercury free               | Yes   |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>         |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |