

# Lembar data produk

Spesifikasi



## circuit breaker Compact NS1000N - Micrologic 2.0 - 1000 A - 4 poles 4t

33475

⚠ Telah dihentikan pada: 31 Mar 2024

⚠ Dihentikan

### Main

|                                                      |                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                                | ComPact                                                                                                                                                                                                                                                                                                                  |
| Product Name                                         | ComPact NS                                                                                                                                                                                                                                                                                                               |
| Range Of Product                                     | ComPact NS630b...1600                                                                                                                                                                                                                                                                                                    |
| Device Short Name                                    | Compact NS1000N                                                                                                                                                                                                                                                                                                          |
| Product Or Component Type                            | Circuit breaker                                                                                                                                                                                                                                                                                                          |
| Device Application                                   | Distribution                                                                                                                                                                                                                                                                                                             |
| Number Of Poles                                      | 4P                                                                                                                                                                                                                                                                                                                       |
| Protected Poles Description                          | 4D                                                                                                                                                                                                                                                                                                                       |
| Neutral Position                                     | Left                                                                                                                                                                                                                                                                                                                     |
| (In) Rated Current Up To 65 °C                       | 1000 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 | 30 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2<br>40 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 |
| Performance Level                                    | N 50 kA 415 V AC                                                                                                                                                                                                                                                                                                         |
| Trip Unit Name                                       | MicroLogic 2.0                                                                                                                                                                                                                                                                                                           |
| Trip Unit Technology                                 | Electronic                                                                                                                                                                                                                                                                                                               |
| Trip Unit Protection Functions                       | LI                                                                                                                                                                                                                                                                                                                       |
| Control Type                                         | Rotary handle<br>Toggle                                                                                                                                                                                                                                                                                                  |
| Circuit Breaker Mounting Mode                        | Fixed                                                                                                                                                                                                                                                                                                                    |

### Complementary

|                                        |                                             |
|----------------------------------------|---------------------------------------------|
| [Uij] 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              |

Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

|                                                                  |                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[Ics] Rated Service Short-Circuit Breaking Capacity</b>       | 30 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2<br>40 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| <b>[Icw] Rated Short-Time Withstand Current</b>                  | 19.2 kA 1 s conforming to IEC 60947-2                                                                                                                                                                                                                                                                |
| <b>Mechanical Durability</b>                                     | 10000 cycles                                                                                                                                                                                                                                                                                         |
| <b>Electrical Durability</b>                                     | 2000 cycles at 690 V In<br>4000 cycles at 690 V In/2<br>5000 cycles at 440 V In<br>6000 cycles at 440 V In/2                                                                                                                                                                                         |
| <b>Power Losses</b>                                              | 22 W                                                                                                                                                                                                                                                                                                 |
| <b>Mounting Support</b>                                          | Backplate                                                                                                                                                                                                                                                                                            |
| <b>Upside Connection</b>                                         | Front                                                                                                                                                                                                                                                                                                |
| <b>Downside Connection</b>                                       | Front                                                                                                                                                                                                                                                                                                |
| <b>Connection Pitch</b>                                          | 70 mm                                                                                                                                                                                                                                                                                                |
| <b>Protection Type</b>                                           | L : for overload protection (long time)<br>I : for instantaneous short-circuit protection                                                                                                                                                                                                            |
| <b>Trip Unit Rating</b>                                          | 1000 A at 50 °C                                                                                                                                                                                                                                                                                      |
| <b>Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)</b> | Adjustable 9 settings                                                                                                                                                                                                                                                                                |
| <b>[Ir] Long-Time Protection Pick-Up Adjustment Range</b>        | 0.4...1 x In                                                                                                                                                                                                                                                                                         |
| <b>Long-Time Protection Delay Adjustment Type Tr</b>             | Adjustable 9 settings                                                                                                                                                                                                                                                                                |
| <b>[Tr] Long-Time Protection Delay Adjustment Range</b>          | 12.5...600 s at 1.5 x Ir<br>0.5...24 s at 6 x Ir<br>0.7...16.6 s at 7.2 x Ir                                                                                                                                                                                                                         |
| <b>Thermal Memory</b>                                            | 20 mn                                                                                                                                                                                                                                                                                                |
| <b>Instantaneous Protection Pick-Up Adjustment Type Ii</b>       | Adjustable                                                                                                                                                                                                                                                                                           |
| <b>[Ii] Instantaneous Protection Pick-Up Adjustment Range</b>    | 1.5...10 x Ir                                                                                                                                                                                                                                                                                        |
| <b>Earth-Leakage Protection</b>                                  | Without                                                                                                                                                                                                                                                                                              |
| <b>Neutral Protection Settings</b>                               | No protection (3D)<br>0.5 x Ir (3D + N/2)<br>1 x Ir (4D)                                                                                                                                                                                                                                             |
| <b>Zone Selective Interlocking Zsi</b>                           | Without                                                                                                                                                                                                                                                                                              |
| <b>Auxiliary Contact Composition</b>                             | 1 NO/NC                                                                                                                                                                                                                                                                                              |
| <b>Local Signalling</b>                                          | 4 LEDs (red) for fault indication<br>1 LED (yellow) for overload                                                                                                                                                                                                                                     |
| <b>Width (W)</b>                                                 | 280 mm                                                                                                                                                                                                                                                                                               |
| <b>Height (H)</b>                                                | 327 mm                                                                                                                                                                                                                                                                                               |
| <b>Depth (D)</b>                                                 | 147 mm                                                                                                                                                                                                                                                                                               |
| <b>Net Weight</b>                                                | 18 kg                                                                                                                                                                                                                                                                                                |

## Environment

|                                |                              |
|--------------------------------|------------------------------|
| <b>Standards</b>               | EN/IEC 60947-2               |
| <b>Product Certifications</b>  | ASTA<br>ASEFA                |
| <b>Pollution Degree</b>        | 3 conforming to IEC 60947    |
| <b>Ip Degree Of Protection</b> | IP40 conforming to IEC 60529 |

|                                              |                                                              |
|----------------------------------------------|--------------------------------------------------------------|
| <b>Ik Degree Of Protection</b>               | IK07 conforming to EN 50102                                  |
| <b>Ambient Air Temperature For Operation</b> | -25...70 °C                                                  |
| <b>Ambient Air Temperature For Storage</b>   | -50...85 °C                                                  |
| <b>Relative Humidity</b>                     | 0...95 %                                                     |
| <b>Operating Altitude</b>                    | 0...2000 m without derating<br>2000 m...5000 m with derating |

## Packing Units

|                                     |         |
|-------------------------------------|---------|
| <b>Unit Type Of Package 1</b>       | PCE     |
| <b>Number Of Units In Package 1</b> | 1       |
| <b>Package 1 Height</b>             | 30 cm   |
| <b>Package 1 Width</b>              | 40 cm   |
| <b>Package 1 Length</b>             | 60 cm   |
| <b>Package 1 Weight</b>             | 16.2 kg |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 12 months |
|-----------------|-----------|

Keberlanjutan



**Green Premium™** label adalah komitmen Schneider Electric untuk memberikan produk dengan performa lingkungan terbaik di kelasnya. Green Premium menjanjikan kepatuhan pada peraturan terbaru, transparansi pada dampak lingkungan, serta produk melingkar dan rendah CO<sub>2</sub>.

**Panduan untuk menilai keberlanjutan produk** adalah laporan resmi yang menjelaskan standar label lingkungan global dan bagaimana menafsirkan deklarasi lingkungan.

[Pelajari lebih lanjut tentang Green Premium >](#)

[Panduan untuk menilai keberlanjutan produk >](#)



Transparansi   RoHS/REACH

## Kinerja kesejahteraan

 Mercury Free

 Rohs Exemption Information   [Yes](#)

## Sertifikasi & Standar

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant with Exemptions                                                                                                   |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                     |