

## 33566

prekidač Compact NS1250N – Micrologic 5,0 – 1250  
A – 4 pola 4t



### Glavno

|                             |                               |
|-----------------------------|-------------------------------|
| Range                       | Compact                       |
| Range of product            | NS630b...1600                 |
| Product or component type   | Circuit breaker               |
| Device short name           | Compact NS1250N               |
| Device application          | Distribution                  |
| Poles description           | 4P                            |
| Protected poles description | 4t                            |
| Neutral position            | Left                          |
| Network type                | AC                            |
| Breaking capacity code      | N                             |
| Suitability for isolation   | Yes conforming to IEC 60947-2 |
| Utilisation category        | Category B                    |
| Trip unit name              | Micrologic 5.0                |
| Trip unit technology        | Electronic                    |
| Trip unit rating            | 1250 A ( 50 °C )              |

### Komplementarno

|  |  |
|--|--|
| Network frequency                        | 50/60 Hz   |
| Control type                             | Rotary handle<br>Toggle  |
| Mounting mode                            | Fixed  |
| Mounting support                         | Backplate  |
| Upside connection                        | Front  |
| Downside connection                      | Front  |
| [In] rated current                       | 1250 A ( 50 °C )   |
| [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   |
| [Ue] rated operational voltage           | 690 V AC 50/60 Hz conforming to IEC 60947-2  |
| Circuit breaker CT rating                | 1250 A   |
| Breaking capacity                        | 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>50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>30 kA Icu at 660/690 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 |
| [Ics] rated service breaking capacity    | Ics 30 kA 660/690 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 40 kA 500/525 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 50 kA 220/240 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 50 kA 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 50 kA 440 V AC 50/60 Hz conforming to IEC 60947-2                |
| Auxiliary contact composition            | 1 NO/NC  |
| Mechanical durability                    | 10000 cycles   |
| Electrical durability                    | 2000 cycles IEC 60947-2 690 V In AC 50/60 Hz<br>3000 cycles IEC 60947-2 690 V In/2 AC 50/60 Hz<br>4000 cycles IEC 60947-2 440 V In AC 50/60 Hz<br>5000 cycles IEC 60947-2 440 V In/2 AC 50/60 Hz   |
| Local signalling                         | Positive contact indication  |
| [Icw] rated short-time withstand current | 19.2 kA  |
| Neutral protection setting               | Ir   |

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda.  
Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene.  
Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i poplunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog.  
Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

|  |  |
|--|--|
| Trip unit protection functions                         | LSI  |
| Protection type  | Instantaneous short-circuit protection<br>Overload protection (long time)<br>Short time short-circuit protection |
| Long time pick-up adjustment type I <sub>r</sub>       | Adjustable   |
| Long time pick-up adjustment range                     | 0.4...1 x I <sub>n</sub>   |
| Long time delay adjustment type                        | Adjustable 9 settings  |
| [t <sub>r</sub> ] long-time delay adjustment range     | 0.7...16.6 s 7.2 x I <sub>r</sub><br>12.5...600 s 1.5 x I <sub>r</sub><br>0.5...24 s 6 x I <sub>r</sub>          |
| Thermal memory   | 20 mn  |
| Short-time pick-up adjustment type I <sub>sd</sub>     | Adjustable 9 settings  |
| [I <sub>sd</sub> ] short-time pick-up adjustment range | 1.5...10 x I <sub>r</sub>  |
| Short-time delay adjustment type                       | Adjustable   |
| [t <sub>sd</sub> ] short-time delay adjustment range   | 0.02...0.5 s   |
| [t <sub>sd</sub> ] short-time delay adjustment range   | 0.1...0.4 s I <sup>2</sup> t=on<br>0...0.4 s I <sup>2</sup> t=off  |
| Instantaneous pick-up adjustment type I <sub>i</sub>   | Adjustable   |
| Instantaneous pick-up adjustment range                 | 2...15 x I <sub>n</sub><br>Off   |
| Integral instant protection                            | 40 kA  |
| Zone selective interlocking ZSI                        | With   |
| Height   | 327 mm   |
| Width  | 280 mm   |
| Depth  | 147 mm   |

## Okolina

|                                       |                              |
|---------------------------------------|------------------------------|
| standards                             | IEC 60947-2                  |
| product certifications                | ASEFA<br>ASTA                |
| power losses                          | 44 W                         |
| IP degree of protection               | IP40 conforming to IEC 60529 |
| IK degree of protection               | IK07 conforming to EN 50102  |
| pollution degree                      | 3 conforming to IEC 60947    |
| ambient air temperature for operation | -25...70 °C                  |
| ambient air temperature for storage   | -50...85 °C                  |

## Offer Sustainability

|   |   |
|---|---|
| Green Premium product   | Green Premium product   |
| Compliant - since 1622 - Schneider Electric declaration of conformity | Compliant - since 1622 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold                     | Reference not containing SVHC above the threshold                     |
| Available   | Available   |
| Need no specific recycling operations                                 | Need no specific recycling operations                                 |

## Contractual warranty

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