



## Glavno

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|---------------------------|-------------------------------|
| Range of product          | Masterpact NT                 |
| Product or component type | Basic frame                   |
| Device short name         | Masterpact NT08               |
| Circuit breaker name      | Masterpact NT08H2             |
| Poles description         | 3P                            |
| Network type              | AC                            |
| Breaking capacity code    | H2                            |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category      | Category B                    |

## Komplementarno

|   |   |
|---|---|
| Network frequency                         | 50/60 Hz  |
| Control type                              | Push-button   |
| Mounting mode                             | Fixed   |
| [In] rated current                        | 800 A ( 40 °C )   |
| [Ui] rated insulation voltage             | 1000 V AC 50/60 Hz conforming to IEC 60947-2  |
| [Uimp] rated impulse withstand voltage    | 12 kV conforming to IEC 60947-2   |
| [Icm] rated short-circuit making capacity | 105 kA 220/415 V AC 50/60 Hz<br>105 kA 440 V AC 50/60 Hz<br>88 kA 525 V AC 50/60 Hz<br>88 kA 690 V AC 50/60 Hz  |
| [Ue] rated operational voltage            | 690 V AC 50/60 Hz conforming to IEC 60947-2   |
| Circuit breaker CT rating                 | 800 A   |
| Breaking capacity                         | 50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>42 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2<br>42 kA Icu at 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  |
| [Ics] rated service breaking capacity     | Ics 50 kA 440 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 42 kA 525 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 42 kA 690 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 50 kA 220/415 V AC 50/60 Hz conforming to IEC 60947-2  |
| Protection type                           | Without protection  |
| Mechanical durability                     | 12500 cycles without maintenance conforming to IEC 60947-2  |
| Electrical durability                     | 3000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>AC-23A: 3000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>AC-23A: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>AC-3: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 |
| Connection pitch                          | 70 mm   |
| [Icw] rated short-time withstand current  | 20 kA ( 3 s ) conforming to IEC 60947-2<br>42 kA ( 0.5 s ) conforming to IEC 60947-2<br>42 kA ( 1 s ) conforming to IEC 60947-2   |
| Integral instant protection               | 81...99 kA  |
| Maximum breaking time                     | 25 ms   |
| Closing response time                     | < 50 ms   |
| Height                                    | 301 mm  |
| Width                                     | 276 mm  |
| Depth                                     | 196 mm  |

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 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.

## Okolina

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|                                       |                             |
|---------------------------------------|-----------------------------|
| standards                             | IEC 60947-2                 |
| product certifications                | ASEFA<br>LCIE               |
| pollution degree                      | 3 conforming to IEC 60664-1 |
| ambient air temperature for operation | -25...70 °C                 |
| ambient air temperature for storage   | -40...85 °C                 |

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## Contractual warranty

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| Warranty period | 18 months |
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