



Main

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| Range | Compact |
| Range of product | Compact NS100...630 |
| Product or component type | Circuit breaker |
| Product name | Compact NS |
| Device short name | Compact NS160NE |
| Circuit breaker name | Compact NS160NE |
| Device application | Distribution |
| Poles description | 4P |
| Protected poles description | 4t 3t + N/2 3t |
| Neutral position | Left |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| [In] rated current | 150 A 65 °C |
| [Ui] rated insulation voltage | 750 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 60947-2 750 V DC conforming to IEC 60947-2 |
| Breaking capacity code | NE |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category | Category A |
| Trip unit name | STR22SE |
| Trip unit technology | Electronic |
| Trip unit rating | 144 A (70 °C) 152 A (60 °C) 160 A (20 °C) |
| Protection type | Short time short-circuit protection Instantaneous short-circuit protection Overload protection (long time) Protection of the fourth pole |
| Pollution degree | 3 conforming to IEC 60947 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Complementary

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| Control type | Toggle |
| Mounting mode | Fixed |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Connection pitch | 35 mm |
| Local signalling | Positive contact indication |
| Neutral protection setting | 0.5 x I _r 1 x I _r |
| Instantaneous pick-up adjustment type | Fixed |
| Instantaneous pick-up adjustment range | >= 11 x I _n |
| Height | 161 mm |
| Width | 140 mm |
| Depth | 86 mm |
| Compatibility code | NS160 |

Environment

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|---------------------------------------|-------------------------------|
| Standards | IEC 60947-2 |
| Product certifications | ASTA ASEFA KEMA LCIE |
| 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 |

Contractual warranty

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| Warranty period | 18 months |
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Product Life Status

END-OF-SALE NOTICE