

Product datasheet

Specifications



Switch disconnecter, ComPacT NS800 NA, 3P, fixed, manually operated, 800A

C080S3NAFM

EAN Code: 3606482100688

Main

| | |
|---------------------------|-------------------------------|
| Product name | ComPacT NS new generation |
| Product or component type | Switch disconnecter |
| Device application | Distribution |
| poles description | 3P |
| network type | AC |
| Breaking capacity code | NA |
| Suitability for isolation | Yes conforming to IEC 60947-3 |

Complementary

| | |
|---|---|
| Network frequency | 50/60 Hz |
| Control type | Manually operated |
| mounting mode | Fixed |
| Upside connection | Front |
| downside connection | Front |
| [Ie] rated operational current | AC-23A: 800 A AC 50/60 Hz 220/240 V AC-23A: 800 A AC 50/60 Hz 380/415 V AC-23A: 800 A AC 50/60 Hz 440/480 V AC-23A: 800 A AC 50/60 Hz 500/525 V AC-23A: 800 A AC 50/60 Hz 660/690 V |
| [Ui] rated insulation voltage | 800 V AC 50/60 Hz conforming to IEC 60947-3 |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to IEC 60947-3 |
| [Ith] conventional free air thermal current | 800 A at 60 °C |
| [Icw] rated short-time withstand current | 25 kA during 0.5 s conforming to IEC 60947-3 4 kA during 20 s conforming to IEC 60947-3 |
| [Icm] rated short-circuit making capacity | 52 kA 690 V AC at 50/60 Hz |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-3 |
| Contact position indicator | Yes |
| Visible break | No |
| Mechanical durability | 10000 cycles conforming to IEC 60947-3 |
| Electrical durability | 2000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3 |
| Connection pitch | 70 mm |
| Height | 210 mm |
| Width | 327 mm |

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|--------------|--------|
| Depth | 147 mm |
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|-------------------|-------|
| Net weight | 14 kg |
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Environment

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|------------------|-------------|
| Standards | IEC 60947-3 |
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|-------------------------------|-----------------|
| Product certifications | IECEE CB Scheme |
|-------------------------------|-----------------|

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|--------------------------------|------------------------------|
| IP degree of protection | IP40 conforming to IEC 60529 |
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|--------------------------------|-----------------------------|
| IK degree of protection | IK07 conforming to EN 50102 |
|--------------------------------|-----------------------------|

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|-------------------------|-----------------------------|
| Pollution degree | 3 conforming to IEC 60947-3 |
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| Ambient air temperature for operation | -25...70 °C |
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|--|-------------|
| Ambient air temperature for storage | -50...85 °C |
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Packing Units

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| Unit Type of Package 1 | PCE |
|-------------------------------|-----|

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|-------------------------------------|---|
| Number of Units in Package 1 | 1 |
|-------------------------------------|---|

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| Package 1 Height | 30.000 cm |
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| | |
|------------------------|-----------|
| Package 1 Width | 40.000 cm |
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|-------------------------|-----------|
| Package 1 Length | 60.000 cm |
|-------------------------|-----------|

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|-------------------------|-----------|
| Package 1 Weight | 11.964 kg |
|-------------------------|-----------|

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)