

Product datasheet

Specifications



Switch disconnecter, ComPacT NS800 NA, 4P, fixed, manually operated, 800A

C080S4NAFM

EAN Code: 3606482100992

Main

Product name	ComPacT NS new generation
Product or component type	Switch disconnecter
Device application	Distribution
poles description	4P
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	280 mm
Width	327 mm

Depth	147 mm
--------------	--------

Net weight	18 kg
-------------------	-------

Environment

Standards	IEC 60947-3
------------------	-------------

Product certifications	IECEE CB Scheme
-------------------------------	-----------------

IP degree of protection	IP40 conforming to IEC 60529
--------------------------------	------------------------------

IK degree of protection	IK07 conforming to EN 50102
--------------------------------	-----------------------------

Pollution degree	3 conforming to IEC 60947-3
-------------------------	-----------------------------

Ambient air temperature for operation	-25...70 °C
--	-------------

Ambient air temperature for storage	-50...85 °C
--	-------------

Packing Units

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

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

Package 1 Height	30.000 cm
-------------------------	-----------

Package 1 Width	40.000 cm
------------------------	-----------

Package 1 Length	60.000 cm
-------------------------	-----------

Package 1 Weight	15.241 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](#)