

# Product data sheet

Specifications



## switch-disconnector iSW-NA - 3P + N - 100 A

A9S70790

### Main

Range	Acti9
Product Name	Acti9 iSW-NA
Product Or Component Type	Switch disconnector
Device Short Name	iSW-NA
Device Application	Control Isolation
Poles Description	3P + N
Neutral Position	Left
Utilisation Category	AC-22A conforming to EN/IEC 60947-3
Suitability For Isolation	Yes conforming to EN/IEC 60947-3

### Complementary

[Ie] Rated Operational Current	100 A at 400/415 V AC 50/60 Hz
[Ue] Rated Operational Voltage	400/415 V AC 50/60 Hz
[Icm] Rated Short-Circuit Making Capacity	5 kA switch-disconnector alone
[Icw] Rated Short-Time Withstand Current	1.5 kA during 1 s
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz conforming to EN/IEC 60947-3
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to EN/IEC 60947-3
Control Type	Toggle Remote tripping
Local Signalling	ON/OFF indication
Contact Position Indicator	Yes
Mounting Mode	Clip-on
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Top or bottom: YES
9 Mm Pitches	8
Height	85 mm
Width	72 mm
Depth	74 mm
Net Weight	0.3 kg
Colour	White
Mechanical Durability	20000 cycles

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

Electrical Durability	10000 cycles
Connections - Terminals	Tunnel type terminals (top or bottom) 1 cable(s) 1...25 mm² flexible with cable end Tunnel type terminals (top or bottom) 1 cable(s) 1...25 mm² flexible without cable end Tunnel type terminals (top or bottom) 1 cable(s) 1...35 mm² rigid without cable end
Wire Stripping Length	14 mm
Tightening Torque	3.5 N.m
Product Compatibility	Tripping release

## Environment

Standards	EN 60947-3 IEC 60947-3
Ip Degree Of Protection	IP20
Pollution Degree	3 conforming to IEC 60947-3
Tropicalisation	2
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-35...70 °C
Ambient Air Temperature For Storage	-40...85 °C

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.500 cm
Package 1 Width	8.000 cm
Package 1 Length	10.000 cm
Package 1 Weight	330.200 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	27
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	9.323 kg

## Contractual warranty

Warranty	18 months
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# 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-CO<sub>2</sub> 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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations