

# Product data sheet

Specifications



## switch-disconnector iSW-NA - 3P + N - 80 A

A9S70780

### Main

Range	Acti 9
Product name	Acti9 iSW-NA
Product or component type	Switch disconnecter
Device short name	ISW-NA
Device application	Isolation Control
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	80 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	1.2 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	Remote tripping Toggle
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
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminals (top or bottom) 1 cable(s) 1...25 mm <sup>2</sup> flexible with cable end Tunnel type terminals (top or bottom) 1 cable(s) 1...25 mm <sup>2</sup> flexible without cable end Tunnel type terminals (top or bottom) 1 cable(s) 1...35 mm <sup>2</sup> 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 Weight	327.0 g
Package 1 Height	7.5 cm
Package 1 width	8 cm
Package 1 Length	10 cm
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Weight	9.349 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Package 3 Height	30 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>

Product out of China RoHS scope. Substance declaration for your information

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**Environmental Disclosure**

[Product Environmental Profile](#)

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**WEEE**

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

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**Contractual warranty**

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**Warranty**

18 months

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