

Product datasheet

Specifications



switch-disconnector iSW-NA - 1P + N - 100 A

A9S70690

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

Main

Range	Acti9
Product name	Acti9 iSW-NA
Product or component type	Switch disconnecter
Device short name	iSW-NA
Device application	Isolation Control
Poles description	1P + 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 230/240 V AC 50/60 Hz
[Ue] rated operational voltage	230/240 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	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	4
Height	85 mm
Width	36 mm
Depth	74 mm
Net weight	0.17 kg
Colour	White

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Mechanical durability	20000 cycles
Electrical durability	15000 cycles
Connections - terminals	Tunnel type terminals (top or bottom) 1 cable(s) 1...25 mm ² flexible with cable end Tunnel type terminals (top or bottom) 1 cable(s) 1...25 mm ² flexible without cable end Tunnel type terminals (top or bottom) 1 cable(s) 1...35 mm ² 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	4.0 cm
Package 1 Width	8.5 cm
Package 1 Length	10.0 cm
Package 1 Weight	184.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	54
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	10.492 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
SCIP Number	E5f22bd9-8e0c-4771-b932-618a392a4c8b
REACH Regulation	REACH Declaration
Halogen-free status	Halogen free plastic parts product

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	50
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins