

Product data sheet

Specifications



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

A9S70690

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
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	Db
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	Doboz
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
Package 3 Height	30 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information

RoHS exemption information	Yes
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

Contractual warranty

Warranty	18 months
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Recommended replacement(s)