Product data sheet
Characteristics

A9S70640
switch-disconnector iSW-NA - 1P + N - 40 A



Main

Range	Acti9
Product name	Acti9 iSW-NA
Product or component type	Switch disconnector
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	40 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	800 A 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	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 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	IEC 60947-3 EN 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	8.0 Cm
Package 1 Length	10.0 Cm
Package 1 Weight	187.0 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	10.468 Kg

Offer Sustainability

Recyclability potential, in %	50
Total lifecycle Carbon footprint	2 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.1760181044589615
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.01649830770138238
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.011591431939095035
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.4687805521226267
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	2
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
SCIP Number	E5f22bd9-8e0c-4771-b932-618a392a4c8b
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
OECD PFAS Regulation	Item contains PFAS Chemicals
POP Directive	No POPs
Halogen-free status	Halogen free plastic parts product
PVC free	Yes
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 a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised