Product datasheet

Specifications



switch Acti9 iSW - 2 poles - 20 A - 415V

A9S60220

Main

Range	Acti9
Product name	Acti9 iSW
Product or component type	Switch disconnector
Device short name	iSW
Device application	Control
Poles description	2P
Utilisation category	AC-22A
Suitability for isolation	Yes

Complementary

[Ie] rated operational current	20 A at 415 V AC 50/60 Hz
[Ue] rated operational voltage	415 V AC 50/60 Hz
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to EN/IEC 60669-2-4
[Uimp] rated impulse withstand voltage	4 kV
Control type	Toggle
Local signalling	ON/OFF indication
Contact position indicator	Yes
Mounting mode	Fixed
Mounting support	DIN rail
9 mm pitches	2
Height	77 mm
Width	18 mm
Depth	70 mm
Colour	White
Mechanical durability	300000 cycles
Electrical durability	30000 cycles
Connections - terminals	Tunnel type terminals - 10 mm² - rigid Tunnel type terminals - 10 mm² - flexible Tunnel type terminals - 10 mm² - flexible with ferrule
Wire stripping length	9 mm
Tightening torque	1.2 N.m

Environment

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Standards	EN/IEC 60669-2-4
IP degree of protection	IP40
Pollution degree	2
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-20…50 °C
Ambient air temperature for storage	-40…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	2 cm
Package 1 Length	6.5 cm
Package 1 Weight	66 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.3 cm
Package 2 Width	9.3 cm
Package 2 Length	22.2 cm
Package 2 Weight	842 g
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	10.554 kg

Contractual warranty

Warranty (in months)	18

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	**1 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.5 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]	**0.8 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.2 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**Yes**
SCIP Number	**58250416-ad9e-49ce-8d91-cdef0ea3a401**
EU RoHS Directive	Compliant
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
OECD PFAS Regulation	Item contains PFAS Chemicals
POP Directive	No POPs
Halogen-free status	**Product contains halogen above thresholds**
PVC free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**41**
End of life manual availability	End of Life Information
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