Product datasheet

Specifications

Green Premium™

switch disconnector iSW - 4P - 100 A - 415 V

A9S65491

Main

Range	Acti9
Product Name	Acti9 iSW
Product Or Component Type	Switch disconnector
Device Short Name	iSW
Device Application	Control Isolation
Poles Description	4P
Utilisation Category	AC-22A
Suitability For Isolation	Yes

Complementary

[Ie] Rated Operational Current	100 A at 415 V AC 50/60 Hz
[Ue] Rated Operational Voltage	415 V AC 50/60 Hz
[Icm] Rated Short-Circuit Making Capacity	5 kA switch-disconnector alone
[Icw] Rated Short-Time Withstand Current	1500 A
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	6 kV
Control Type	Toggle
Local Signalling	ON/OFF indication
Contact Position Indicator	Yes
Mounting Mode	Fixed
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	73 mm
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles

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

Connections - Terminals	Tunnel type terminals (top or bottom) - <= 1 x 50 mm² - rigid Tunnel type terminals (top or bottom) - <= 1 x 35 mm² - flexible Tunnel type terminals (top or bottom) - <= 1 x 35 mm² - flexible with ferrule
Wire Stripping Length	14 mm
Tightening Torque	3.5 N.m

Environment

Standards	IEC 60947-3 EN 60947-3
Ip Degree Of Protection	IP20
Pollution Degree	3
Tropicalisation	2
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-25…60 °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	7.000 cm
Package 1 Width	7.000 cm
Package 1 Length	9.000 cm
Package 1 Weight	332.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	8.500 cm
Package 2 Width	10.000 cm
Package 2 Length	22.000 cm
Package 2 Weight	1.051 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	33
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	11.998 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes
Halogen Free Plastic Parts Product	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations