

Product data sheet

Specifications



switch disconnector iSW - 4P - 125 A - 415 V

A9S65492

Main

Range Acti9

Product name Acti9 iSW

Product or component type Switch disconnector

Device short name iSW

Device application Isolation
Control

Poles description 4P

Utilisation category AC-22A

Suitability for isolation Yes

Complementary

[Ie] rated operational current 125 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	2500 cycles
Connections - terminals	Tunnel type terminals (top or bottom) - <= 1 x 50 mm ² - rigid Tunnel type terminals (top or bottom) - <= 1 x 35 mm ² - flexible Tunnel type terminals (top or bottom) - <= 1 x 35 mm ² - flexible with ferrule
Wire stripping length	9 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	7.3 cm
Package 1 Width	7.1 cm
Package 1 Length	9.3 cm
Package 1 Weight	334.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	8.1 cm
Package 2 Width	9.8 cm
Package 2 Length	21.7 cm
Package 2 Weight	1.057 kg
Unit Type of Package 3	S03
Number of Units in Package 3	33
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	12.114 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration

Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Halogen content performance	Halogen free plastic parts product

Contractual warranty

Warranty	18 months
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Recommended replacement(s)