

Product data sheet

Specifications



switch disconnecter iSW - 3P - 100 A - 415 V

A9S66391

Main

Range	Acti9
Product name	Acti9 iSW
Product or component type	Switch disconnecter
Device short name	iSW
Device application	Isolation Control
Poles description	3P
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	6
Height	85 mm
Width	54 mm
Depth	73 mm

Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminals (top or bottom) - $\leq 1 \times 50 \text{ mm}^2$ - rigid Tunnel type terminals (top or bottom) - $\leq 1 \times 35 \text{ mm}^2$ - flexible Tunnel type terminals (top or bottom) - $\leq 1 \times 35 \text{ mm}^2$ - flexible with ferrule
Wire stripping length	9 mm
Tightening torque	3.5 N.m

Environment

Standards	IEC 60947-3 BS EN 60947-3 EN 60947-3 NZS 60947-3 AS 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
Package 1 Length	8.2 cm
Number of Units in Package 1	1
Package 3 Width	30 cm
Package 3 Weight	11.95 kg
Package 2 Width	22 cm
Package 2 Height	8 cm
Package 2 Weight	1.055 kg
Number of Units in Package 3	44
Unit Type of Package 3	S03
Package 3 Height	30 cm
Package 3 Length	40 cm
Package 1 Width	5.8 cm
Package 1 Height	4.8 cm
Package 1 Weight	251.4 g
Number of Units in Package 2	4
Unit Type of Package 2	BB1
Package 2 Length	9.5 cm

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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts product
Contractual warranty	
Warranty	18 months