Product data sheet
Characteristics

A9S65391
switch disconnector iSW - 3P - 100 A - 415 V



Main

Range	Acti9
Product name	Acti9 iSW
Product or component type	Switch disconnector
Device short name	iSW
Device application	Control Isolation
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) - <= 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	5.500 Cm
Package 1 Width	7.500 Cm
Package 1 Length	9.500 Cm
Package 1 Weight	250.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.500 Cm
Package 2 Width	10.000 Cm
Package 2 Length	22.000 Cm
Package 2 Weight	1.053 Kg
Unit Type of Package 3	S03
Number of Units in Package 3	44
Package 3 Height	30.000 Cm
Package 3 Width	30.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	11.987 Kg

Offer Sustainability

Recyclability potential, in %	43
Total lifecycle Carbon footprint	150 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.774352387733497
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0738833760732296
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.02526622024811864
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	147.97134328358212
Carbon footprint of the use phase [B2, B3, B4, B6]	148 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]	0.6415556256158601
Carbon footprint of the end-of-life phase [C1 to C4]	0.6 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	150
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
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