



Main

Commercial Status	Commercialised
Product or component type	Switch disconnecter
Device short name	ISW
Switch application	Isolation Control
Poles description	4P
Utilisation category	AC-22A
Suitability for isolation	Yes

Complementary

[Ie] rated operational current	100 A 415 V AC 50/60 Hz
[Ue] rated operational voltage	48 V DC 240 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 distribution block compatibility	Top or bottom: YES
9 mm pitches	8
Height	82 mm
Width	72 mm
Depth	75.5 mm
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminals: (top or bottom) 1 cable(s) <= 35 mm ² flexible with cable end Tunnel type terminals: (top or bottom) 1 cable(s) <= 35 mm ² flexible without cable end Tunnel type terminals: (top or bottom) 1 cable(s) <= 50 mm ² rigid without cable end
Wire stripping length	9 mm
Tightening torque	3.5 N.m

Environment

Standards	EN 60947-3 IEC 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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1246 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations