

Product data sheet

Characteristics

A9S66492

Acti9, Switch disconnecter iSW - 4P - 125 A - 415 V



Main

| | |
|---------------------------|----------------------|
| Range | Acti9 |
| Product name | Acti9 iSW |
| Product or component type | Switch disconnecter |
| 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) - $\leq 1 \times 50 \text{ mm}^2$ - 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 |

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Environment

| | |
|---------------------------------------|---|
| Standards | BS EN 60947-3 EN 60947-3 NZS 60947-3 IEC 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 |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.8 cm |
| Package 1 Width | 9.2 cm |
| Package 1 Length | 7.2 cm |
| Package 1 Weight | 335 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 3 |
| Package 2 Height | 8 cm |
| Package 2 Width | 22 cm |
| Package 2 Length | 9 cm |
| Package 2 Weight | 1.058 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 33 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 12.008 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 |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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

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|----------|-----------|
| Warranty | 18 months |
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