

## Product data sheet

### Characteristics

# A9S66192

switch disconnecter iSW - 1P - 125 A - 240 V



### Main

|                           |                      |
|---------------------------|----------------------|
| Range                     | Acti 9               |
| Product name              | Acti 9 iSW           |
| Product or component type | Switch disconnecter  |
| Device short name         | ISW                  |
| Device application        | Control<br>Isolation |
| Poles description         | 1P                   |
| Utilisation category      | AC-22A               |
| Suitability for isolation | Yes                  |

### Complementary

|                                                  |                                                                                                                                                                                                                                                                          |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] rated operational current                   | 125 A at 240 V AC 50/60 Hz                                                                                                                                                                                                                                               |
| [Ue] rated operational voltage                   | 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                    | 250 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                                     | 2                                                                                                                                                                                                                                                                        |
| Height                                           | 85 mm                                                                                                                                                                                                                                                                    |
| Width                                            | 18 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<br>Tunnel type terminals (top or bottom) - $\leq 1 \times 35 \text{ mm}^2$ - flexible<br>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                             | AS 60947-3<br>IEC 60947-3<br>EN 60947-3<br>NZS 60947-3<br>BS 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 Weight             | 95 g    |
| Package 1 Height             | 7.85 cm |
| Package 1 width              | 1.8 cm  |
| Package 1 Length             | 9.2 cm  |

## Offer Sustainability

|                             |                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                             |
| REACH Regulation            |  <a href="#">REACH Declaration</a>               |
| REACH free of SVHC          | Yes                                                                                                                               |
| EU RoHS Directive           | Compliant  <a href="#">EU RoHS Declaration</a> |
| Toxic heavy metal free      | Yes                                                                                                                               |
| Mercury free                | Yes                                                                                                                               |
| RoHS exemption information  |  <a href="#">Yes</a>                           |
| China RoHS Regulation       |  <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure    |  <a href="#">Product Environmental Profile</a> |
| 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 |
|----------|-----------|