

# Product datasheet

Specifications



## switch disconnecter iSW - 4P - 125 A - 415 V

A9S65492

### Main

|                           |                      |
|---------------------------|----------------------|
| Range                     | Acti9                |
| Product name              | Acti9 iSW            |
| Product or component type | Switch disconnecter  |
| Device short name         | iSW                  |
| Device application        | Isolation<br>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                          |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                         |                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Colour                  | White                                                                                                                                                                                                              |
| Mechanical durability   | 20000 cycles                                                                                                                                                                                                       |
| Electrical durability   | 2500 cycles                                                                                                                                                                                                        |
| Connections - terminals | Tunnel type terminals (top or bottom) - <= 1 x 50 mm² - rigid<br>Tunnel type terminals (top or bottom) - <= 1 x 35 mm² - flexible<br>Tunnel type terminals (top or bottom) - <= 1 x 35 mm² - flexible with ferrule |
| Wire stripping length   | 9 mm                                                                                                                                                                                                               |
| Tightening torque       | 3.5 N.m                                                                                                                                                                                                            |

## Environment

|                                       |                           |
|---------------------------------------|---------------------------|
| Standards                             | IEC 60947-3<br>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             | 7.300 cm  |
| Package 1 Width              | 7.100 cm  |
| Package 1 Length             | 9.300 cm  |
| Package 1 Weight             | 332.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 3         |
| Package 2 Height             | 8.100 cm  |
| Package 2 Width              | 9.800 cm  |
| Package 2 Length             | 21.700 cm |
| Package 2 Weight             | 1.050 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 33        |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 12.114 kg |

## Offer Sustainability

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Sustainable offer status | Green Premium product                            |
| REACH Regulation         | <a href="#">REACH Declaration</a>                |
| REACH free of SVHC       | Yes                                              |
| EU RoHS Directive        | Compliant<br><a href="#">EU RoHS Declaration</a> |

|                             |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| Toxic heavy metal free      | Yes                                                                                                         |
| Mercury free                | Yes                                                                                                         |
| China RoHS Regulation       | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| RoHS exemption information  | <a href="#">Yes</a>                                                                                         |
| Environmental Disclosure    | <a href="#">Product Environmental Profile</a>                                                               |
| Halogen content performance | Halogen free plastic parts product                                                                          |

### Contractual warranty

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

### Recommended replacement(s)