

# Product datasheet

Specifications



## switch disconnector iSW - 2P - 100 A - 415 V

Local distributor code:  
408886596 A9S65291

EAN Code: 3606480531132

### Main

|                           |                      |
|---------------------------|----------------------|
| Range                     | Acti9                |
| Product name              | Acti9 iSW            |
| Product or component type | Switch disconnector  |
| Device short name         | iSW                  |
| Device application        | Isolation<br>Control |
| Poles description         | 2P                   |
| 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                                     | 4                              |
| Height                                           | 85 mm                          |
| Width                                            | 36 mm                          |
| Depth                                            | 73 mm                          |
| Colour                                           | White                          |
| Mechanical durability                            | 20000 cycles                   |
| Electrical durability                            | 10000 cycles                   |

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

|                         |                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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   | 14 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             | 3.600 cm  |
| Package 1 Width              | 7.500 cm  |
| Package 1 Length             | 9.500 cm  |
| Package 1 Weight             | 167.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 8.500 cm  |
| Package 2 Width              | 10.000 cm |
| Package 2 Length             | 22.000 cm |
| Package 2 Weight             | 1.060 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 66        |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 12.147 kg |

## Logistical informations

|                   |    |
|-------------------|----|
| Country of origin | HU |
|-------------------|----|

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

|  Environmental footprint |     |
|-----------------------------------------------------------------------------------------------------------|-----|
| Total lifecycle Carbon footprint                                                                          | 100 |

Use Better

|  Materials and Substances |                                      |
|------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Packaging made with recycled cardboard                                                                     | Yes                                  |
| Packaging without single use plastic                                                                       | No                                   |
| <a href="#">EU RoHS Directive</a>                                                                          | Compliant                            |
| SCIP Number                                                                                                | E5f22bd9-8e0c-4771-b932-618a392a4c8b |
| REACH Regulation                                                                                           | <a href="#">REACH Declaration</a>    |
| Halogen-free status                                                                                        | Halogen free plastic parts product   |

Use Again

|  Repack and remanufacture |                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 and never end up in rubbish bins |