

# Product data sheet

Specifications



## Changeover switch - iSSW - 1 NO + 1 NC - 20A - 250 V AC - 2 positions

A9E18072

### Main

|                                |                              |
|--------------------------------|------------------------------|
| range of product               | Acti9                        |
| Product name                   | Acti9 iSSW                   |
| Product or component type      | Changeover switch            |
| Device short name              | iSSW                         |
| Device application             | Electrical circuit control   |
| Poles description              | 2P                           |
| Contacts type and composition  | 1 NO + 1 NC                  |
| [Ue] rated operational voltage | 250 V AC 50/60 Hz            |
| Standards                      | IEC 60669-1<br>IEC 60947-5-1 |

### Complementary

|                                |                                                                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] rated operational current | 20 A                                                                                                                                                                                       |
| Control type                   | Toggle 2 positions                                                                                                                                                                         |
| Marking                        | 0 - 1                                                                                                                                                                                      |
| Mounting mode                  | Clip-on                                                                                                                                                                                    |
| Mounting support               | DIN rail                                                                                                                                                                                   |
| 9 mm pitches                   | 2                                                                                                                                                                                          |
| Height                         | 3.2 in (82 mm)                                                                                                                                                                             |
| Width                          | 0.7 in (18 mm)                                                                                                                                                                             |
| Depth                          | 3.0 in (75 mm)                                                                                                                                                                             |
| Colour                         | White                                                                                                                                                                                      |
| Electrical durability          | AC-22 30000 cycles cos Phi = 0.8                                                                                                                                                           |
| Connections - terminals        | Staggered tunnel terminal (downside) 2 0.0008...0.004 in² (0.5...2.5 mm²) flexible<br>Staggered tunnel terminal (downside) 2 0.0008...0.004 in² (0.5...2.5 mm²) rigid<br>without cable end |
| Wire stripping length          | 0.4 in (9 mm)                                                                                                                                                                              |
| Tightening torque              | 8.9 lbf.in (1 N.m)                                                                                                                                                                         |

### Environment

|                         |                              |
|-------------------------|------------------------------|
| IP degree of protection | IP20 conforming to IEC 60529 |
| Tropicalisation         | 2                            |
| Pollution degree        | 3                            |

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

|                                       |                            |
|---------------------------------------|----------------------------|
| Relative humidity                     | 95 % 131 °F (55 °C)        |
| Ambient air temperature for operation | -4...122 °F (-20...50 °C)  |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C) |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 3.150 in (8.000 cm)      |
| Package 1 Width              | 0.787 in (2.000 cm)      |
| Package 1 Length             | 3.346 in (8.500 cm)      |
| Package 1 Weight             | 1.587 oz (45.000 g)      |
| Unit Type of Package 2       | BB1                      |
| Number of Units in Package 2 | 12                       |
| Package 2 Height             | 3.937 in (10.000 cm)     |
| Package 2 Width              | 3.150 in (8.000 cm)      |
| Package 2 Length             | 9.055 in (23.000 cm)     |
| Package 2 Weight             | 21.235 oz (602.000 g)    |
| Unit Type of Package 3       | S03                      |
| Number of Units in Package 3 | 108                      |
| Package 3 Height             | 11.811 in (30.000 cm)    |
| Package 3 Width              | 11.811 in (30.000 cm)    |
| Package 3 Length             | 15.748 in (40.000 cm)    |
| Package 3 Weight             | 12.899 lb(US) (5.851 kg) |

## 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                       | 0.5 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.3 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 0.2 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0 kg CO2 eq.                                  |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                     |
| Packaging without single use plastic   | Yes                                                                                    |
| SCIP Number                            | E5f22bd9-8e0c-4771-b932-618a392a4c8b                                                   |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                              |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |
| Halogen content performance            | Product contains halogen above thresholds                                              |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                                                                                                                                                                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in % | 22                                                                                                                                                                                                              |
| Circularity Profile           | 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 |