

# Product data sheet

Specifications



## switch disconnecter iSW - 4P - 40 A - 415 V

A9S65440

### Main

|                           |                      |
|---------------------------|----------------------|
| Range                     | Acti 9               |
| 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                   | 40 A at 415 V AC 50/60 Hz        |
| [Ue] rated operational voltage                   | 415 V AC 50/60 Hz                |
| [Icm] rated short-circuit making capacity        | 4.2 kA switch-disconnector alone |
| [Icw] rated short-time withstand current         | 1260 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   | 15000 cycles   |
| Connections - terminals | Tunnel type terminals (top or bottom) - <= 1 x 50 mm <sup>2</sup> - rigid<br>Tunnel type terminals (top or bottom) - <= 1 x 35 mm <sup>2</sup> - flexible<br>Tunnel type terminals (top or bottom) - <= 1 x 35 mm <sup>2</sup> - 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 Weight             | 336.0 g    |
| Package 1 Height             | 7 cm       |
| Package 1 width              | 7.5 cm     |
| Package 1 Length             | 9.3 cm     |
| Unit Type of Package 2       | P12        |
| Number of Units in Package 2 | 264        |
| Package 2 Weight             | 109.704 kg |
| Package 2 Height             | 50 cm      |
| Package 2 width              | 80 cm      |
| Package 2 Length             | 120 cm     |
| Unit Type of Package 3       | BB1        |
| Number of Units in Package 3 | 3          |
| Package 3 Weight             | 1.066 kg   |
| Package 3 Height             | 2.78 cm    |
| Package 3 width              | 30 cm      |
| Package 3 Length             | 20 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<br><a href="#">EU RoHS Declaration</a> |

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

### **Contractual warranty**

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|