



### Main

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                       | ComPact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product or component type                   | Switch disconnector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product name                                | Compact INS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Poles description                           | 4P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Network type                                | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Network frequency                           | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| [Ie] rated operational current              | AC-22A: 630 A AC 50/60 Hz 220/240 V<br>AC-22A: 630 A AC 50/60 Hz 380/415 V<br>AC-22A: 630 A AC 50/60 Hz 440/480 V<br>AC-22A: 630 A AC 50/60 Hz 480 V NEMA<br>AC-22A: 630 A AC 50/60 Hz 500/525 V<br>AC-22A: 630 A AC 50/60 Hz 660/690 V<br>AC-23A: 630 A AC 50/60 Hz 220/240 V<br>AC-23A: 630 A AC 50/60 Hz 380/415 V<br>AC-23A: 630 A AC 50/60 Hz 440/480 V<br>AC-23A: 630 A AC 50/60 Hz 480 V NEMA<br>AC-23A: 630 A AC 50/60 Hz 500/525 V<br>AC-23A: 630 A AC 50/60 Hz 660/690 V<br>DC-22A: 550 A DC 125 V 2 poles in series<br>DC-22A: 550 A DC 250 V 4 poles in series<br>DC-23A: 550 A DC 125 V 2 poles in series<br>DC-23A: 550 A DC 250 V 4 poles in series<br>DC-23B: 630 A DC 125 V 2 poles in series<br>DC-23B: 630 A DC 250 V 4 poles in series |
| [Ui] rated insulation voltage               | 750 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [Uimp] rated impulse withstand voltage      | 8 kV<br>8 kV conforming to IEC 60947-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| [Ith] conventional free air thermal current | 630 A at 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [Icm] rated short-circuit making capacity   | 330 kA with upstream protection circuit breaker 690 V AC at 50/60 Hz<br>50 kA switch-disconnector alone 690 V AC at 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| [Ue] rated operational voltage              | 250 V DC<br>690 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Suitability for isolation                   | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Contact position indicator                  | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Visible break                               | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Pollution degree                            | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

### Complementary

|                     |                            |
|---------------------|----------------------------|
| Control type        | Direct front rotary handle |
| Handle colour       | Black                      |
| Mounting mode       | Fixed                      |
| Mounting support    | Plate<br>Rail              |
| Upside connection   | Front                      |
| Downside connection | Front                      |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                                                       |                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum power                                         | AC-23: 200 kW at 220/240 V AC 50/60 Hz<br>AC-23: 200 kW at 230 V AC 50/60 Hz (NEMA)<br>AC-23: 315 kW at 380/415 V AC 50/60 Hz<br>AC-23: 375 kW at 480 V AC 50/60 Hz (NEMA)<br>AC-23: 400 kW at 440 V AC 50/60 Hz<br>AC-23: 400 kW at 500/525 V AC 50/60 Hz<br>AC-23: 560 kW at 660/690 V AC 50/60 Hz              |
| Rated duty                                            | Uninterrupted                                                                                                                                                                                                                                                                                                     |
| [I <sub>cw</sub> ] rated short-time withstand current | 11.5 kA during 3 s conforming to IEC 60947-3<br>20 kA during 1 s conforming to IEC 60947-3<br>4 kA during 30 s conforming to IEC 60947-3<br>4.9 kA during 20 s conforming to IEC 60947-3                                                                                                                          |
| Mechanical durability                                 | 10000 cycles                                                                                                                                                                                                                                                                                                      |
| Electrical durability                                 | AC-22A: 1500 cycles 440 V AC 50/60 Hz<br>AC-22A: 1500 cycles 500 V AC 50/60 Hz<br>AC-22A: 1500 cycles 690 V AC 50/60 Hz<br>AC-23A: 1500 cycles 440 V AC 50/60 Hz<br>AC-23A: 1500 cycles 500 V AC 50/60 Hz<br>AC-23A: 1500 cycles 690 V AC 50/60 Hz<br>DC-23A: 1000 cycles 250 V DC<br>DC-23B: 200 cycles 250 V DC |
| Connection pitch                                      | 45 mm                                                                                                                                                                                                                                                                                                             |
| Height                                                | 205 mm                                                                                                                                                                                                                                                                                                            |
| Width                                                 | 185 mm                                                                                                                                                                                                                                                                                                            |
| Depth                                                 | 130 mm                                                                                                                                                                                                                                                                                                            |
| Net weight                                            | 4.9 kg                                                                                                                                                                                                                                                                                                            |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60947-1<br>IEC 60947-3   |
| Product certifications                | KEMA-KEUR<br>CCC             |
| IP degree of protection               | IP40 conforming to IEC 60529 |
| IK degree of protection               | IK07 conforming to EN 50102  |
| Ambient air temperature for operation | -25...70 °C                  |
| Ambient air temperature for storage   | -50...85 °C                  |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Weight             | 5.514 kg   |
| Package 1 Height             | 19 cm      |
| Package 1 width              | 19.6 cm    |
| Package 1 Length             | 22.6 cm    |
| Unit Type of Package 2       | S04        |
| Number of Units in Package 2 | 4          |
| Package 2 Weight             | 23.096 kg  |
| Package 2 Height             | 30 cm      |
| Package 2 width              | 40 cm      |
| Package 2 Length             | 60 cm      |
| Unit Type of Package 3       | P12        |
| Number of Units in Package 3 | 16         |
| Package 3 Weight             | 103.576 kg |
| Package 3 Height             | 80 cm      |
| Package 3 width              | 80 cm      |
| Package 3 Length             | 120 cm     |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>                                                                               |
| 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>                                                                               |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

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