



### Main

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                       | ComPact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product or Component Type                   | Switch disconnecter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product name                                | ComPacT INS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Poles description                           | 3P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Network type                                | AC<br>DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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-23A 550 A DC 125 V 2 poles in series<br>DC-23B 630 A DC 125 V 2 poles in series |
| [Ui] rated insulation voltage               | 750 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| [Uimp] rated impulse withstand voltage      | 8 KV<br>8 kVIEC 60947-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| [Ith] conventional free air thermal current | 630 A 140 °F (60 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| [Icm] rated short-circuit making capacity   | 330 KA with upstream protection circuit breaker 690 V AC 50/60 Hz<br>50 kA switch-disconnector alone 690 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| [Ue] rated operational voltage              | 125 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    | Rail<br>Plate              |
| 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 220/240 V AC 50/60 Hz<br>AC-23 200 kW 230 V AC 50/60 Hz NEMA)<br>AC-23 315 kW 380/415 V AC 50/60 Hz<br>AC-23 375 kW 480 V AC 50/60 Hz NEMA)<br>AC-23 400 kW 440 V AC 50/60 Hz<br>AC-23 400 kW 500/525 V AC 50/60 Hz<br>AC-23 560 kW 660/690 V AC 50/60 Hz                                                                        |
| Rated duty                               | Uninterrupted                                                                                                                                                                                                                                                                                                                                 |
| [Icw] rated short-time withstand current | 11.5 kA 3 s IEC 60947-3<br>20 kA 1 s IEC 60947-3<br>4 kA 30 s IEC 60947-3<br>4.9 kA 20 s 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 125 V DC 2 poles in series<br>DC-23B 200 cycles 125 V DC 2 poles in series |
| Connection pitch                         | 1.77 in (45 mm)                                                                                                                                                                                                                                                                                                                               |
| Height                                   | 8.07 in (205 mm)                                                                                                                                                                                                                                                                                                                              |
| Width                                    | 7.28 in (185 mm)                                                                                                                                                                                                                                                                                                                              |
| Depth                                    | 5.12 in (130 mm)                                                                                                                                                                                                                                                                                                                              |
| Net Weight                               | 10.14 lb(US) (4.6 kg)                                                                                                                                                                                                                                                                                                                         |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60947-3<br>IEC 60947-1   |
| Product Certifications                | CCC[RETURN]KEMA-KEUR         |
| IP degree of protection               | IP40 conforming to IEC 60529 |
| IK degree of protection               | IK07 conforming to EN 50102  |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C)   |
| Ambient Air Temperature for Storage   | -58...185 °F (-50...85 °C)   |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10DE201093  |
| Discount Schedule | 0DE2          |
| GTIN              | 3303430311140 |
| Returnability     | Yes           |
| Country of origin | US            |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 7.56 in (19.2 cm)        |
| Package 1 Width              | 7.56 in (19.2 cm)        |
| Package 1 Length             | 8.82 in (22.4 cm)        |
| Package 1 Weight             | 11.00 lb(US) (4.988 kg)  |
| Unit Type of Package 2       | S04                      |
| Number of Units in Package 2 | 4                        |
| Package 2 Height             | 11.81 in (30 cm)         |
| Package 2 Width              | 15.75 in (40 cm)         |
| Package 2 Length             | 23.62 in (60 cm)         |
| Package 2 Weight             | 45.68 lb(US) (20.718 kg) |
| Unit Type of Package 3       | P12                      |
| Number of Units in Package 3 | 16                       |
| Package 3 Height             | 19.69 in (50 cm)         |
| Package 3 Width              | 31.50 in (80 cm)         |

|                  |                           |
|------------------|---------------------------|
| Package 3 Length | 47.24 in (120 cm)         |
| Package 3 Weight | 202.79 lb(US) (91.984 kg) |

### Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                                              |
| California proposition 65  | WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                                                                  |
| EU RoHS Directive          | Compliant with Exemptions                                                                                                                                                                                                                                                                                                          |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                                                                |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                                                             |
| RoHS exemption information | <a href="#">Yes</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 |
|----------|-----------|