



### Main

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                       | ComPact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product name                                | Compact INV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product or component type                   | Switch disconnector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Poles description                           | 3P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Network type                                | AC<br>DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Network frequency                           | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Handle colour                               | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [Ie] rated operational current              | AC-21A: 320 A AC 50/60 Hz 220/240 V<br>AC-21A: 320 A AC 50/60 Hz 380/415 V<br>AC-21A: 320 A AC 50/60 Hz 440/480 V<br>AC-21A: 320 A AC 50/60 Hz 480 V NEMA<br>AC-21A: 320 A AC 50/60 Hz 500/525 V<br>AC-21A: 320 A AC 50/60 Hz 660/690 V<br>AC-22A: 320 A AC 50/60 Hz 220/240 V<br>AC-22A: 320 A AC 50/60 Hz 380/415 V<br>AC-22A: 320 A AC 50/60 Hz 440/480 V<br>AC-22A: 320 A AC 50/60 Hz 480 V NEMA<br>AC-22A: 320 A AC 50/60 Hz 500/525 V<br>AC-22A: 320 A AC 50/60 Hz 660/690 V<br>AC-23A: 320 A AC 50/60 Hz 220/240 V<br>AC-23A: 320 A AC 50/60 Hz 380/415 V<br>AC-23A: 320 A AC 50/60 Hz 440/480 V<br>AC-23A: 320 A AC 50/60 Hz 480 V NEMA<br>AC-23A: 320 A AC 50/60 Hz 500/525 V<br>AC-23A: 320 A AC 50/60 Hz 660/690 V<br>DC-21A: 320 A DC 125 V 2 poles in series<br>DC-22A: 320 A DC 125 V 2 poles in series<br>DC-23A: 320 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| [Ith] conventional free air thermal current | 320 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                               | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pollution degree                            | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### Complementary

|                     |               |
|---------------------|---------------|
| Control type        | Rotary handle |
| Mounting mode       | Fixed         |
| Mounting support    | Plate<br>Rail |
| Upside connection   | Front         |
| Downside connection | Front         |

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum power                                         | AC-23: 160 kW at 380/415 V AC 50/60 Hz<br>AC-23: 185 kW at 440 V AC 50/60 Hz<br>AC-23: 185 kW at 480 V AC 50/60 Hz (NEMA)<br>AC-23: 220 kW at 500/525 V AC 50/60 Hz<br>AC-23: 250 kW at 660/690 V AC 50/60 Hz<br>AC-23: 90 kW at 220/240 V AC 50/60 Hz<br>AC-23: 90 kW at 230 V AC 50/60 Hz (NEMA)                                                                                                                                                                            |
| 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-21A: 1000 cycles 440 V AC 50/60 Hz<br>AC-21A: 1000 cycles 500 V AC 50/60 Hz<br>AC-21A: 1000 cycles 690 V AC 50/60 Hz<br>AC-22A: 1000 cycles 440 V AC 50/60 Hz<br>AC-22A: 1000 cycles 500 V AC 50/60 Hz<br>AC-22A: 1000 cycles 690 V AC 50/60 Hz<br>AC-23A: 1000 cycles 440 V AC 50/60 Hz<br>AC-23A: 1000 cycles 500 V AC 50/60 Hz<br>AC-23A: 1000 cycles 690 V AC 50/60 Hz<br>DC-21A: 1000 cycles 125 V DC<br>DC-22A: 1000 cycles 125 V DC<br>DC-23A: 1000 cycles 125 V DC |
| Connection pitch                                      | 45 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Height                                                | 205 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Width                                                 | 185 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Depth                                                 | 130 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Net weight                                            | 4.6 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60947-3<br>IEC 60947-1   |
| Product certifications                | CCC<br>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 | -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             | 5.096 kg |
| Package 1 Height             | 19 cm    |
| Package 1 width              | 20 cm    |
| Package 1 Length             | 22 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 |
|----------|-----------|