



### Main

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|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                       | ComPact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product name                                | ComPacT INS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product or component type                   | Switch disconnecter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Poles description                           | 3P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Network type                                | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Network frequency                           | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [Ie] rated operational current              | AC-21A: 630 A AC 50/60 Hz 220/240 V<br>AC-21A: 630 A AC 50/60 Hz 380/415 V<br>AC-21A: 630 A AC 50/60 Hz 440/480 V<br>AC-21A: 630 A AC 50/60 Hz 480 V NEMA<br>AC-21A: 630 A AC 50/60 Hz 500/525 V<br>AC-21A: 630 A AC 50/60 Hz 660/690 V<br>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-21A: 630 A DC 125 V 2 poles in series<br>DC-22A: 630 A DC 125 V 2 poles in series<br>DC-23A: 630 A DC 125 V 2 poles in series |
| [Ui] rated insulation voltage               | 1000 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| [Uimp] rated impulse withstand voltage      | 12 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [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>75 kA switch-disconnector alone 690 V AC at 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Maximum power                                         | AC-23: 250 kW at 220/240 V AC 50/60 Hz<br>AC-23: 400 kW at 380/400 V AC 50/60 Hz<br>AC-23: 500 kW at 415 V AC 50/60 Hz<br>AC-23: 560 kW at 500/525 V AC 50/60 Hz<br>AC-23: 710 kW at 660/690 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Rated duty                                            | Uninterrupted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Intermittent duty class                               | Class 120 - 60 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [I <sub>cw</sub> ] rated short-time withstand current | 10 kA during 20 s conforming to IEC 60947-3<br>20 kA during 3 s conforming to IEC 60947-3<br>35 kA during 1 s conforming to IEC 60947-3<br>42 kA during 0.8 s conforming to IEC 60947-3<br>50 kA during 0.5 s conforming to IEC 60947-3<br>8 kA during 30 s conforming to IEC 60947-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Mechanical durability                                 | 5000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Electrical durability                                 | AC-21A: 1000 cycles 220/240 V AC 50/60 Hz<br>AC-21A: 1000 cycles 380/415 V AC 50/60 Hz<br>AC-21A: 1000 cycles 440/480 V AC 50/60 Hz<br>AC-21A: 1000 cycles 480 V AC 50/60 Hz conforming to NEMA<br>AC-21A: 1000 cycles 500/525 V AC 50/60 Hz<br>AC-21A: 1000 cycles 660/690 V AC 50/60 Hz<br>AC-22A: 1000 cycles 220/240 V AC 50/60 Hz<br>AC-22A: 1000 cycles 380/415 V AC 50/60 Hz<br>AC-22A: 1000 cycles 440/480 V AC 50/60 Hz<br>AC-22A: 1000 cycles 480 V AC 50/60 Hz conforming to NEMA<br>AC-22A: 1000 cycles 500/525 V AC 50/60 Hz<br>AC-22A: 1000 cycles 660/690 V AC 50/60 Hz<br>AC-23A: 1000 cycles 220/240 V AC 50/60 Hz<br>AC-23A: 1000 cycles 380/415 V AC 50/60 Hz<br>AC-23A: 1000 cycles 440/480 V AC 50/60 Hz<br>AC-23A: 1000 cycles 480 V AC 50/60 Hz conforming to NEMA<br>AC-23A: 1000 cycles 500/525 V AC 50/60 Hz<br>AC-23A: 1000 cycles 660/690 V AC 50/60 Hz<br>DC-21A: 1000 cycles 125 V DC 2 poles in series<br>DC-22A: 1000 cycles 125 V DC 2 poles in series<br>DC-23A: 1000 cycles 125 V DC 2 poles in series |
| Connection pitch                                      | 70 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Height                                                | 300 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Width                                                 | 340 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Depth                                                 | 146.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Net weight                                            | 14 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60947-3<br>IEC 60947-1   |
| Product certifications                | 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 Height             | 20.0 cm   |
| Package 1 Width              | 33.0 cm   |
| Package 1 Length             | 36.0 cm   |
| Package 1 Weight             | 15.746 kg |

## Offer Sustainability

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                           |
| 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        | No need of specific recycling operations                                                                                        |
| 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 |
|----------|-----------|