



## Main

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|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 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              | 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: 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>lcw</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 125 V DC<br>DC-23B: 200 cycles 125 V DC |
| Connection pitch                                       | 45 mm                                                                                                                                                                                                                                                                                                             |
| Height                                                 | 205 mm                                                                                                                                                                                                                                                                                                            |
| Width                                                  | 185 mm                                                                                                                                                                                                                                                                                                            |
| Depth                                                  | 130 mm                                                                                                                                                                                                                                                                                                            |
| Product 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                  |

## Offer Sustainability

|                            |                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                 |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                     |
| EU RoHS Directive          | Compliant<br><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><br>Product out of China RoHS scope. Substance declaration for your information |
| 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 |
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