



## Main

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| Range                                  | Compact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product name                           | Compact INV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Poles description                      | 4P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Network type                           | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Network frequency                      | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Handle colour                          | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| [Ie] rated operational current         | AC-21A: 500 A AC 50/60 Hz 220/240 V<br>AC-21A: 500 A AC 50/60 Hz 380/415 V<br>AC-21A: 500 A AC 50/60 Hz 440/480 V<br>AC-21A: 500 A AC 50/60 Hz 480 V NEMA<br>AC-21A: 500 A AC 50/60 Hz 500/525 V<br>AC-21A: 500 A AC 50/60 Hz 660/690 V<br>AC-22A: 500 A AC 50/60 Hz 220/240 V<br>AC-22A: 500 A AC 50/60 Hz 380/415 V<br>AC-22A: 500 A AC 50/60 Hz 440/480 V<br>AC-22A: 500 A AC 50/60 Hz 480 V NEMA<br>AC-22A: 500 A AC 50/60 Hz 500/525 V<br>AC-22A: 500 A AC 50/60 Hz 660/690 V<br>AC-23A: 500 A AC 50/60 Hz 220/240 V<br>AC-23A: 500 A AC 50/60 Hz 380/415 V<br>AC-23A: 500 A AC 50/60 Hz 440/480 V<br>AC-23A: 500 A AC 50/60 Hz 480 V NEMA<br>AC-23A: 500 A AC 50/60 Hz 500/525 V<br>AC-23A: 500 A AC 50/60 Hz 660/690 V<br>DC-21A: 500 A DC 125 V 2 poles in series<br>DC-22A: 500 A DC 125 V 2 poles in series<br>DC-23A: 500 A DC 125 V 2 poles in series<br>DC-21A: 500 A DC 250 V 4 poles in series<br>DC-22A: 500 A DC 250 V 4 poles in series<br>DC-23A: 500 A DC 250 V 4 poles in series |
| [Ui] rated insulation voltage          | 750 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| [Uimp] rated impulse withstand voltage | 8 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| [Ith] conventional free air thermal current | 500 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              | 690 V AC 50/60 Hz<br>250 V DC                                                                                                |
| Suitability for isolation                   | Yes                                                                                                                          |
| Contact position indicator                  | Yes                                                                                                                          |
| Visible break                               | Yes                                                                                                                          |
| Pollution degree                            | 3                                                                                                                            |

## Complementary

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control type                             | Rotary handle                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Mounting mode                            | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Mounting support                         | Rail<br>Plate                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Upside connection                        | Front                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Downside connection                      | Front                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Maximum power                            | AC-23: 132 kW at 220/240 V AC 50/60 Hz<br>AC-23: 150 kW at 230 V AC 50/60 Hz (NEMA)<br>AC-23: 250 kW at 380/415 V AC 50/60 Hz<br>AC-23: 250 kW at 440 V AC 50/60 Hz<br>AC-23: 250 kW at 480 V AC 50/60 Hz (NEMA)<br>AC-23: 355 kW at 500/525 V AC 50/60 Hz<br>AC-23: 500 kW at 660/690 V AC 50/60 Hz                                                                                                                                                                          |
| Rated duty                               | Uninterrupted                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| [Icw] 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 250 V DC<br>DC-22A: 1000 cycles 250 V DC<br>DC-23A: 1000 cycles 250 V DC |
| Connection pitch                         | 45 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Height                                   | 205 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Width                                    | 185 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Depth                                    | 130 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product weight                           | 4.9 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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