



### Main

|   |  |
|---|--|
| Range                                       | Compact  |
| Range of product                            | INV320...630   |
| Product name                                | Compact INV  |
| Device short name                           | Interpact INV400   |
| Switch-disconnector name                    | Interpact INV400   |
| Poles description                           | 3P   |
| Network type                                | AC<br>DC   |
| Network frequency                           | 50/60 Hz   |
| Handle colour                               | Black  |
| [Ie] rated operational current              | AC-23A : 400 A AC 50/60 Hz 500/525 V<br>AC-22A : 400 A AC 50/60 Hz 500/525 V<br>AC-22A : 400 A AC 50/60 Hz 380/415 V<br>AC-23A : 400 A AC 50/60 Hz 660/690 V<br>DC-23A : 400 A DC 125 V 2 poles in series<br>AC-22A : 400 A AC 50/60 Hz 440/480 V<br>AC-21A : 400 A AC 50/60 Hz 500/525 V<br>AC-23A : 400 A AC 50/60 Hz 220/240 V<br>AC-23A : 400 A AC 50/60 Hz 380/415 V<br>AC-23A : 400 A AC 50/60 Hz 440/480 V<br>AC-22A : 400 A AC 50/60 Hz 480 V NEMA<br>AC-23A : 400 A AC 50/60 Hz 480 V NEMA<br>AC-22A : 400 A AC 50/60 Hz 660/690 V<br>AC-21A : 400 A AC 50/60 Hz 380/415 V<br>DC-22A : 400 A DC 125 V 2 poles in series<br>AC-22A : 400 A AC 50/60 Hz 220/240 V<br>AC-21A : 400 A AC 50/60 Hz 480 V NEMA<br>AC-21A : 400 A AC 50/60 Hz 660/690 V<br>DC-21A : 400 A DC 125 V 2 poles in series<br>AC-21A : 400 A AC 50/60 Hz 220/240 V<br>AC-21A : 400 A AC 50/60 Hz 440/480 V |
| [Ui] rated insulation voltage               | 750 V AC 50/60 Hz  |
| [Uimp] rated impulse withstand voltage      | 8 kV   |
| [Ith] conventional free air thermal current | 400 A ( 60 °C )  |
| [Icm] rated short-circuit making capacity   | 330 kA 690 V AC 50/60 Hz with upstream protection circuit breaker<br>50 kA 690 V AC 50/60 Hz switch-disconnector alone   |
| [Ue] rated operational voltage              | 125 V DC<br>690 V AC 50/60 Hz  |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                            |     |
|----------------------------|-----|
| 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 : 200 kW 380/415 V AC 50/60 Hz<br>AC-23 : 110 kW 230 V NEMA AC 50/60 Hz<br>AC-23 : 110 kW 220/240 V AC 50/60 Hz<br>AC-23 : 220 kW 440 V AC 50/60 Hz<br>AC-23 : 220 kW 480 V NEMA AC 50/60 Hz<br>AC-23 : 250 kW 500/525 V AC 50/60 Hz<br>AC-23 : 400 kW 660/690 V AC 50/60 Hz  |
| Rated duty   | Uninterrupted   |
| [I <sub>lcw</sub> ] rated short-time withstand current | 11.5 kA ( 3 s ) conforming to IEC 60947-3<br>20 kA ( 1 s ) conforming to IEC 60947-3<br>4 kA ( 30 s ) conforming to IEC 60947-3<br>4.9 kA ( 20 s ) conforming to IEC 60947-3  |
| Mechanical durability                                  | 10000 cycles  |
| Electrical durability                                  | DC-23A : 1000 cycles 125 V DC<br>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 |
| Connection pitch                                       | 45 mm   |
| Height   | 205 mm  |
| Width  | 185 mm  |
| Depth  | 130 mm  |
| Product weight   | 4.6 kg  |
| Compatibility code                                     | INV400  |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60947-3<br>IEC 60947-1   |
| Product certifications                | KEMA-KEUR<br>CCC             |
| 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                  |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

## Product identification

Product or component type

Switch disconnecter

31170