



### Main

|   |   |
|---|---|
| Range                                       | Compact   |
| Range of product                            | INV630b...2500  |
| Product name                                | Compact INS   |
| Device short name                           | Interpact INV800  |
| Product or component type                   | Switch disconnector   |
| Switch-disconnector name                    | Interpact INV800  |
| Poles description                           | 4P  |
| Network type                                | AC<br>DC  |
| Network frequency                           | 50/60 Hz  |
| [Ie] rated operational current              | AC-23A : 800 A AC 50/60 Hz 220/240 V<br>AC-23A : 800 A AC 50/60 Hz 380/415 V<br>AC-23A : 800 A AC 50/60 Hz 440/480 V<br>AC-23A : 800 A AC 50/60 Hz 500/525 V<br>AC-23A : 800 A AC 50/60 Hz 660/690 V<br>DC-22A : 800 A DC 125 V 2 poles in series<br>AC-22A : 800 A AC 50/60 Hz 380/415 V<br>AC-21A : 800 A AC 50/60 Hz 220/240 V<br>AC-21A : 800 A AC 50/60 Hz 440/480 V<br>DC-23B : 800 A DC 250 V 4 poles in series<br>AC-21A : 800 A AC 50/60 Hz 480 V NEMA<br>AC-22A : 800 A AC 50/60 Hz 500/525 V<br>DC-21A : 800 A DC 125 V 2 poles in series<br>AC-21A : 800 A AC 50/60 Hz 660/690 V<br>AC-22A : 800 A AC 50/60 Hz 660/690 V<br>AC-22A : 800 A AC 50/60 Hz 220/240 V<br>DC-23B : 800 A DC 125 V 2 poles in series<br>DC-21A : 800 A DC 250 V 4 poles in series<br>DC-22A : 800 A DC 250 V 4 poles in series<br>AC-23A : 800 A AC 50/60 Hz 480 V NEMA<br>AC-21A : 800 A AC 50/60 Hz 380/415 V<br>AC-22A : 800 A AC 50/60 Hz 440/480 V<br>AC-22A : 800 A AC 50/60 Hz 480 V NEMA<br>AC-21A : 800 A AC 50/60 Hz 500/525 V |
| [Ui] rated insulation voltage               | 1000 V AC 50/60 Hz  |
| [Uimp] rated impulse withstand voltage      | 12 kV   |
| [Ith] conventional free air thermal current | 800 A ( 60 °C )   |

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

|   |  |
|---|--|
| [Icm] rated short-circuit making capacity | 330 kA 690 V AC 50/60 Hz with upstream protection circuit breaker<br>75 kA 690 V AC 50/60 Hz switch-disconnector alone |
| [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                             | Direct front rotary handle  |
| Handle colour                            | Black   |
| Mounting mode                            | Fixed   |
| Mounting support                         | Plate<br>Rail   |
| Upside connection                        | Front   |
| Downside connection                      | Front   |
| Maximum power                            | AC-23 : 250 kW 220/240 V AC 50/60 Hz<br>AC-23 : 710 kW 660/690 V AC 50/60 Hz<br>AC-23 : 400 kW 380/400 V AC 50/60 Hz<br>AC-23 : 560 kW 500/525 V AC 50/60 Hz<br>AC-23 : 500 kW 415 V AC 50/60 Hz  |
| Rated duty                               | Uninterrupted   |
| Intermittent duty class                  | Class 120 - 60 %  |
| [Icw] rated short-time withstand current | 10 kA ( 20 s ) conforming to IEC 60947-3<br>20 kA ( 3 s ) conforming to IEC 60947-3<br>35 kA ( 1 s ) conforming to IEC 60947-3<br>42 kA ( 0.8 s ) conforming to IEC 60947-3<br>50 kA ( 0.5 s ) conforming to IEC 60947-3<br>8 kA ( 30 s ) conforming to IEC 60947-3   |
| Mechanical durability                    | 3000 cycles   |
| Electrical durability                    | DC-21A : 500 cycles 250 V DC 4 poles in series<br>AC-21A : 500 cycles 220/240 V AC 50/60 Hz<br>AC-21A : 500 cycles 380/415 V AC 50/60 Hz<br>AC-21A : 500 cycles 440/480 V AC 50/60 Hz<br>AC-21A : 500 cycles 500/525 V AC 50/60 Hz<br>AC-21A : 500 cycles 660/690 V AC 50/60 Hz<br>AC-22A : 500 cycles 220/240 V AC 50/60 Hz<br>AC-22A : 500 cycles 380/415 V AC 50/60 Hz<br>AC-22A : 500 cycles 440/480 V AC 50/60 Hz<br>AC-22A : 500 cycles 500/525 V AC 50/60 Hz<br>AC-22A : 500 cycles 660/690 V AC 50/60 Hz<br>AC-23A : 500 cycles 220/240 V AC 50/60 Hz<br>AC-23A : 500 cycles 380/415 V AC 50/60 Hz<br>AC-23A : 500 cycles 440/480 V AC 50/60 Hz<br>AC-23A : 500 cycles 500/525 V AC 50/60 Hz<br>AC-23A : 500 cycles 660/690 V AC 50/60 Hz<br>DC-21A : 500 cycles 125 V DC 2 poles in series<br>DC-22A : 500 cycles 125 V DC 2 poles in series<br>DC-22A : 500 cycles 250 V DC 4 poles in series<br>DC-23A : 500 cycles 125 V DC 2 poles in series<br>DC-23A : 500 cycles 250 V DC 4 poles in series |
| Connection pitch                         | 70 mm   |
| Height                                   | 300 mm  |
| Width                                    | 340 mm  |
| Depth                                    | 146.5 mm  |
| Product weight                           | 18 kg   |
| Compatibility code                       | INV800  |

## Environment

|           |                            |
|-----------|----------------------------|
| Standards | IEC 60947-1<br>IEC 60947-3 |
|-----------|----------------------------|

|                                       |                              |
|---------------------------------------|------------------------------|
| 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                  |

### Contractual warranty

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

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