

# Product datasheet

Specifications



switch disconnecter. Compact  
INS63 . 63 A. with red rotary  
handle and yellow front. 3 poles

28918

Price: 1,821.63 ZAR

## Main

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-22A: 63 A AC 50/60 Hz 220/240 V<br>AC-22A: 63 A AC 50/60 Hz 380/415 V 2 poles in series<br>AC-22A: 63 A AC 50/60 Hz 440/480 V<br>AC-22A: 63 A AC 50/60 Hz 500 V<br>AC-23A: 40 A AC 50/60 Hz 500 V<br>AC-23A: 63 A AC 50/60 Hz 220/240 V<br>AC-23A: 63 A AC 50/60 Hz 380/415 V<br>AC-23A: 63 A AC 50/60 Hz 440/480 V<br>DC-22A: 63 A DC 50/60 Hz 125 V 2 poles in series<br>DC-23A: 63 A DC 125 V 2 poles in series |
| [Ui] Rated Insulation Voltage               | 690 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                     |
| [Uimp] Rated Impulse Withstand Voltage      | 8 kV                                                                                                                                                                                                                                                                                                                                                                                                                  |
| [Ith] Conventional Free Air Thermal Current | 63 A at 60 °C                                                                                                                                                                                                                                                                                                                                                                                                         |
| [Icm] Rated Short-Circuit Making Capacity   | 15 kA switch-disconnector alone 500 V AC at 50/60 Hz<br>75 kA with upstream protection circuit breaker 500 V AC at 50/60 Hz                                                                                                                                                                                                                                                                                           |
| [Ue] Rated Operational Voltage              | 125 V DC<br>500 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                         |
| Suitability For Isolation                   | Yes                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Contact Position Indicator                  | Yes                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Visible Break                               | No                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Pollution Degree                            | 3                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Complementary

|                     |                   |
|---------------------|-------------------|
| Control Type        | Rotary handle     |
| Handle Colour       | Red               |
| Mounting Mode       | Fixed             |
| Mounting Support    | Plate<br>DIN rail |
| Upside Connection   | Front             |
| Downside Connection | Front             |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable Cross Section                      | 1.5...50 mm²                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Maximum Power                            | AC-23: 15 kW at 220/240 V AC 50/60 Hz<br>AC-23: 22 kW at 500/525 V AC 50/60 Hz<br>AC-23: 30 kW at 380/415 V AC 50/60 Hz<br>AC-23: 30 kW at 440 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                        |
| Rated Duty                               | Uninterrupted                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Intermittent Duty Class                  | Class 120 - 60 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Enclosure Dimensions For lthe            | 190 mm x 115 mm x 55 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [Icw] Rated Short-Time Withstand Current | 0.067 kA during 20 s conforming to IEC 60947-3<br>1.73 kA during 3 s conforming to IEC 60947-3<br>3 kA during 1 s conforming to IEC 60947-3<br>5.5 kA during 30 s conforming to IEC 60947-3                                                                                                                                                                                                                                                                                         |
| Mechanical Durability                    | 20000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Electrical Durability                    | AC-22A: 1500 cycles 220/240 V AC 50/60 Hz<br>AC-22A: 1500 cycles 380/415 V AC 50/60 Hz 2 poles in series<br>AC-22A: 1500 cycles 440 V AC 50/60 Hz<br>AC-22A: 1500 cycles 500 V AC 50/60 Hz<br>AC-23A: 1500 cycles 220/240 V AC 50/60 Hz<br>AC-23A: 1500 cycles 380/415 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>DC-22A: 1500 cycles 250 V DC 50/60 Hz 2 poles in series<br>DC-23A: 1500 cycles 250 V DC 2 poles in series |
| Connection Pitch                         | 18 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Height                                   | 85 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Width                                    | 90 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Depth                                    | 62.5 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Net Weight                               | 0.5 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Environment

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

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type Of Package 1       | PCE     |
| Number Of Units In Package 1 | 1       |
| Package 1 Height             | 10.0 cm |
| Package 1 Width              | 9.5 cm  |
| Package 1 Length             | 10.0 cm |
| Package 1 Weight             | 607.0 g |
| Unit Type Of Package 2       | S03     |
| Number Of Units In Package 2 | 18      |
| Package 2 Height             | 30.0 cm |

|                  |           |
|------------------|-----------|
| Package 2 Width  | 30.0 cm   |
| Package 2 Length | 40.0 cm   |
| Package 2 Weight | 11.413 kg |

## Contractual warranty

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

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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[Learn more about Green Premium >](#)

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Transparency   RoHS/REACH

Well-being performance

|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |

Certifications & Standards

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a>                                                                                      |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                     |