

Product datasheet

Specifications



switch disconnecter, Compact INS100 , 100 A, standard version with black rotary handle, 4 poles

Local distributor code:

382086904

28909

EAN Code: 3303430289098

Main

| | |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range | ComPact |
| Product Name | ComPacT INS |
| Product Or Component Type | Switch disconnecter |
| Poles Description | 4P |
| Network Type | DC AC |
| Network Frequency | 50/60 Hz |
| [Ie] Rated Operational Current | AC-22A: 100 A AC 50/60 Hz 220/240 V AC-22A: 100 A AC 50/60 Hz 380/415 V AC-22A: 100 A AC 50/60 Hz 440/480 V 2 poles in series AC-22A: 100 A AC 50/60 Hz 500 V 2 poles in series AC-22A: 100 A AC 50/60 Hz 660/690 V 4 poles in series AC-23A: 100 A AC 50/60 Hz 220/240 V 4 poles in series AC-23A: 100 A AC 50/60 Hz 380/415 V AC-23A: 100 A AC 50/60 Hz 440/480 V AC-23A: 100 A AC 50/60 Hz 500 V AC-23A: 63 A AC 50/60 Hz 660/690 V DC-22A: 100 A DC 50/60 Hz 125 V 2 poles in series DC-23A: 100 A DC 50/60 Hz 125 V 2 poles in series DC-22A: 100 A DC 50/60 Hz 250 V 4 poles in series DC-23A: 100 A DC 50/60 Hz 250 V 4 poles in series |
| [Ui] Rated Insulation Voltage | 750 V AC 50/60 Hz |
| [Uimp] Rated Impulse Withstand Voltage | 8 kV |
| [Ith] Conventional Free Air Thermal Current | 100 A at 60 °C |
| [Icm] Rated Short-Circuit Making Capacity | 154 kA with upstream protection circuit breaker 690 V AC at 50/60 Hz 20 kA switch-disconnector alone 690 V AC at 50/60 Hz |
| [Ue] Rated Operational Voltage | 250 V DC 690 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 | Black |
| Mounting Mode | Fixed |
| Mounting Support | DIN rail Plate |

| | |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Upside Connection | Front |
| Downside Connection | Front |
| Maximum Power | AC-23: 22 kW at 220/240 V AC 50/60 Hz AC-23: 45 kW at 380/415 V AC 50/60 Hz AC-23: 55 kW at 440 V AC 50/60 Hz AC-23: 55 kW at 500/525 V AC 50/60 Hz AC-23: 55 kW at 660/690 V AC 50/60 Hz |
| Rated Duty | Uninterrupted |
| Intermittent Duty Class | Class 120 - 60 % |
| Enclosure Dimensions For Ithe | 260 mm x 160 mm x 55 mm |
| [Icw] Rated Short-Time Withstand Current | 0.01 kA during 30 s conforming to IEC 60947-3 1.23 kA during 20 s conforming to IEC 60947-3 3.175 kA during 3 s conforming to IEC 60947-3 5.5 kA during 1 s conforming to IEC 60947-3 |
| Mechanical Durability | 15000 cycles |
| Electrical Durability | AC-22A: 1500 cycles 220/240 V AC 50/60 Hz AC-22A: 1500 cycles 380/415 V AC 50/60 Hz 4 poles in series AC-22A: 1500 cycles 440 V AC 50/60 Hz AC-22A: 1500 cycles 500 V AC 50/60 Hz AC-23A: 1500 cycles 220/240 V AC 50/60 Hz AC-23A: 1500 cycles 380/415 V AC 50/60 Hz AC-23A: 1500 cycles 440 V AC 50/60 Hz AC-23A: 1500 cycles 500 V AC 50/60 Hz DC-22A: 1500 cycles 250 V DC 50/60 Hz 4 poles in series DC-23A: 1500 cycles 250 V DC 50/60 Hz 4 poles in series AC-22A: 1500 cycles 690 V AC 50/60 Hz AC-23A: 1500 cycles 690 V AC 50/60 Hz 4 poles in series |
| Connection Pitch | 30 mm |
| Height | 100 mm |
| Width | 135 mm |
| Depth | 62.5 mm |
| Net Weight | 0.9 kg |

Environment

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|----------------------------------------------|------------------------------|
| Standards | IEC 60947-1 IEC 60947-3 |
| Product Certifications | KEMA-KEUR 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 |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 13.500 cm |
| Package 1 Width | 11.800 cm |
| Package 1 Length | 15.500 cm |
| Package 1 Weight | 1.122 kg |
| Unit Type Of Package 2 | S03 |

| | |
|-------------------------------------|------------|
| Number Of Units In Package 2 | 10 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 11.626 kg |
| Unit Type Of Package 3 | P12 |
| Number Of Units In Package 3 | 80 |
| Package 3 Height | 43.000 cm |
| Package 3 Width | 80.000 cm |
| Package 3 Length | 120.000 cm |
| Package 3 Weight | 106.000 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-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)