

Product datasheet

Specifications



switch-disconnector Compact INS250 - 250 A - 4 poles

31107

Main

Range	ComPact
Product Or Component Type	Switch disconnecter
Product Name	ComPacT INS
Poles Description	4P
Network Type	AC DC
Network Frequency	50/60 Hz
[Ie] Rated Operational Current	AC-22A: 250 A AC 50/60 Hz 220/240 V AC-22A: 250 A AC 50/60 Hz 380/415 V AC-22A: 250 A AC 50/60 Hz 440/480 V AC-22A: 250 A AC 50/60 Hz 480 V NEMA AC-22A: 250 A AC 50/60 Hz 500/525 V AC-22A: 250 A AC 50/60 Hz 660/690 V AC-23A: 250 A AC 50/60 Hz 220/240 V AC-23A: 250 A AC 50/60 Hz 380/415 V AC-23A: 250 A AC 50/60 Hz 440/480 V AC-23A: 250 A AC 50/60 Hz 480 V NEMA AC-23A: 250 A AC 50/60 Hz 500/525 V AC-23A: 250 A AC 50/60 Hz 660/690 V DC-22A: 250 A DC 125 V 2 poles in series DC-22A: 250 A DC 250 V 4 poles in series DC-23A: 250 A DC 125 V 2 poles in series DC-23A: 250 A DC 250 V 4 poles in series
[Ui] Rated Insulation Voltage	750 V AC 50/60 Hz
[Ith] Conventional Free Air Thermal Current	250 A at 60 °C
[Icm] Rated Short-Circuit Making Capacity	30 kA switch-disconnector alone 690 V AC at 50/60 Hz 330 kA with upstream protection circuit breaker 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	Direct front rotary handle
Handle Colour	Black
Mounting Mode	Fixed
Mounting Support	Rail Plate

Upside Connection	Front
Downside Connection	Front
Maximum Power	AC-23: 132 kW at 380/415 V AC 50/60 Hz AC-23: 150 kW at 440 V AC 50/60 Hz AC-23: 150 kW at 480 V AC 50/60 Hz (NEMA) AC-23: 160 kW at 500/525 V AC 50/60 Hz AC-23: 210 kW at 660/690 V AC 50/60 Hz AC-23: 75 kW at 220/240 V AC 50/60 Hz AC-23: 75 kW at 230 V AC 50/60 Hz (NEMA)
Rated Duty	Uninterrupted
[Icw] Rated Short-Time Withstand Current	1.8 kA during 30 s conforming to IEC 60947-3 2.2 kA during 20 s conforming to IEC 60947-3 4.9 kA during 3 s conforming to IEC 60947-3 8.5 kA during 1 s conforming to IEC 60947-3
Mechanical Durability	15000 cycles
Electrical Durability	AC-22A: 1500 cycles 440 V AC 50/60 Hz AC-22A: 1500 cycles 500 V AC 50/60 Hz AC-22A: 1500 cycles 690 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 AC-23A: 1500 cycles 690 V AC 50/60 Hz DC-22A: 1500 cycles 250 V DC 4 poles in series DC-23A: 1500 cycles 250 V DC 4 poles in series
Connection Pitch	35 mm
Height	136 mm
Width	140 mm
Depth	96 mm
Net Weight	2.2 kg

Environment

Standards	IEC 60947-3 IEC 60947-1
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	17.000 cm
Package 1 Width	13.700 cm
Package 1 Length	16.300 cm
Package 1 Weight	2.420 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	9
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm

Package 2 Length	60.000 cm
Package 2 Weight	22.654 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	36
Package 3 Height	50.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	102.616 kg

Contractual warranty

Warranty	12 months
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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

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

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](#)