

Product data sheet

Specifications



switch disconnecter, Compact
INS250, 250A, standard version with
black rotary handle, 4 poles

31107

Product availability: Non-Stock - Not normally stocked in
distribution facility

Price*: 615.00 USD

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	800 V AC 50/60 Hz
[Ith] conventional free air thermal current	250 A 140 °F (60 °C)
[Icm] rated short-circuit making capacity	30 kA switch-disconnector alone 690 V AC 50/60 Hz 330 kA with upstream protection circuit breaker 690 V AC 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Mounting Support	Rail Plate
Upside connection	Front
Downside connection	Front
Maximum power	AC-23 132 kW 380/415 V AC 50/60 Hz AC-23 150 kW 440 V AC 50/60 Hz AC-23 150 kW 480 V AC 50/60 Hz NEMA) AC-23 160 kW 500/525 V AC 50/60 Hz AC-23 210 kW 660/690 V AC 50/60 Hz AC-23 75 kW 220/240 V AC 50/60 Hz AC-23 75 kW 230 V AC 50/60 Hz NEMA)
Rated duty	Uninterrupted
[Icw] rated short-time withstand current	1.8 kA 30 s IEC 60947-3 2.2 kA 20 s IEC 60947-3 4.9 kA 3 s IEC 60947-3 8.5 kA 1 s 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	1.4 in (35 mm)
Height	5.4 in (136 mm)
Width	5.5 in (140 mm)
Depth	3.8 in (96 mm)
Net Weight	4.9 lb(US) (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	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-58...185 °F (-50...85 °C)

Ordering and shipping details

Category	US10DE201093
Discount Schedule	0DE2
GTIN	3303430311072
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	6.69 in (17.000 cm)
Package 1 Width	5.39 in (13.700 cm)
Package 1 Length	6.42 in (16.300 cm)
Package 1 Weight	5.304 lb(US) (2.406 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	49.944 lb(US) (22.654 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	36
Package 3 Height	19.69 in (50.000 cm)
Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	47.24 in (120.000 cm)
Package 3 Weight	226.230 lb(US) (102.616 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 >](#)

[How we assess product sustainability >](#)



Transparency

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

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](#)

California Proposition 65 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Scip Number E07f84b1-8f0b-4216-b13d-b812d80ed78b