

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

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
Mounting Support	Rail Plate

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

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
Nbr. of units in pkg.	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 weight(Lbs)	5.304 lb(US) (2.406 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	5
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	27.955 lb(US) (12.680 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	40
Package 3 Height	35.43 in (90.000 cm)
Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	47.24 in (120.000 cm)
Package 3 Weight	250.093 lb(US) (113.440 kg)

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 455

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

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

REACH Regulation [REACH Declaration](#)

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

Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

Technical Illustration

Assembly's dimensions

