

Product datasheet

Specifications



switch disconnecter, Compact INV2000, visible break, 2000A, standard version with black rotary handle, 4 poles

31367

! Discontinued

! Discontinued on: 13 Mar 2026

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-21B: 2000 A AC 50/60 Hz 220/240 V AC-21B: 2000 A AC 50/60 Hz 380/415 V AC-21B: 2000 A AC 50/60 Hz 440/480 V AC-21B: 2000 A AC 50/60 Hz 480 V NEMA AC-21B: 2000 A AC 50/60 Hz 500/525 V AC-21B: 2000 A AC 50/60 Hz 660/690 V AC-22B: 2000 A AC 50/60 Hz 220/240 V AC-22B: 2000 A AC 50/60 Hz 380/415 V AC-22B: 2000 A AC 50/60 Hz 440/480 V AC-22B: 2000 A AC 50/60 Hz 480 V NEMA AC-22B: 2000 A AC 50/60 Hz 500/525 V AC-22B: 2000 A AC 50/60 Hz 660/690 V DC-21B: 2000 A DC 125 V 2 poles in series DC-22B: 2000 A DC 125 V 2 poles in series DC-21B: 2000 A DC 250 V 4 poles in series DC-22B: 2000 A DC 250 V 4 poles in series
[Ui] rated insulation voltage	1000 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV
[Ith] conventional free air thermal current	2000 A at 60 °C
[Icm] rated short-circuit making capacity	105 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	690 V AC 50/60 Hz 250 V DC
Suitability for isolation	Yes
Contact position indicator	Yes
Visible break	Yes
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
Rated duty	Uninterrupted
Intermittent duty class	Class 120 - 60 %
[Icw] rated short-time withstand current	50 kA during 0.5 s conforming to IEC 60947-3 11 kA during 30 s conforming to IEC 60947-3 13 kA during 20 s conforming to IEC 60947-3 30 kA during 3 s conforming to IEC 60947-3 50 kA during 0.8 s conforming to IEC 60947-3 50 kA during 1 s conforming to IEC 60947-3
Mechanical durability	3000 cycles
Electrical durability	AC-21B: 100 cycles 220/240 V AC 50/60 Hz AC-21B: 100 cycles 380/415 V AC 50/60 Hz AC-21B: 100 cycles 440/480 V AC 50/60 Hz AC-21B: 100 cycles 480 V AC 50/60 Hz conforming to NEMA AC-21B: 100 cycles 500/525 V AC 50/60 Hz AC-21B: 100 cycles 660/690 V AC 50/60 Hz AC-22B: 100 cycles 220/240 V AC 50/60 Hz AC-22B: 100 cycles 380/415 V AC 50/60 Hz AC-22B: 100 cycles 440/480 V AC 50/60 Hz AC-22B: 100 cycles 480 V AC 50/60 Hz conforming to NEMA AC-22B: 100 cycles 500/525 V AC 50/60 Hz AC-22B: 100 cycles 660/690 V AC 50/60 Hz DC-21B: 100 cycles 125 V DC 2 poles in series DC-22B: 100 cycles 125 V DC 2 poles in series DC-21B: 100 cycles 250 V DC 4 poles in series DC-22B: 100 cycles 250 V DC 4 poles in series
Connection pitch	70 mm
Height	440 mm
Width	347.5 mm
Depth	227.5 mm
Product weight	45 kg

Environment

Standards	IEC 60947-1 IEC 60947-3
Product certifications	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	5.0 cm
Package 1 Width	37.0 cm
Package 1 Length	40.0 cm
Package 1 Weight	56.0 kg

Contractual warranty

Warranty (in months)

18



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

Total lifecycle Carbon footprint	1 947 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	178 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	54 kg CO2 eq.
Carbon footprint of the installation phase [A5]	10 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 652 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	53 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards
SCIP Number	Ded05d05-4f5f-4bf4-9c36-fc766c616c8d
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer




Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	95
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins