

# Product datasheet

Specifications



switch disconnecter, Compact INS2000, 2000A, standard version with black rotary handle, 4 poles

31339

## Main

Range	ComPact
Product Name	ComPacT INS
Product Or Component Type	Switch disconnecter
Poles Description	4P
Network Type	AC DC
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 105 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	No
Pollution Degree	3

## Complementary

Control Type	Direct front rotary handle
Handle Colour	Black
Mounting Mode	Fixed

<b>Mounting Support</b>	Plate Rail
<b>Upside Connection</b>	Front
<b>Downside Connection</b>	Front
<b>Rated Duty</b>	Uninterrupted
<b>Intermittent Duty Class</b>	Class 120 - 60 %
<b>[Icw] Rated Short-Time Withstand Current</b>	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
<b>Mechanical Durability</b>	3000 cycles
<b>Electrical Durability</b>	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
<b>Connection Pitch</b>	70 mm
<b>Height</b>	440 mm
<b>Width</b>	462.5 mm
<b>Depth</b>	227.5 mm
<b>Net Weight</b>	45 kg

## Environment

<b>Standards</b>	IEC 60947-1 IEC 60947-3
<b>Product Certifications</b>	KEMA-KEUR
<b>Ip Degree Of Protection</b>	IP40 conforming to IEC 60529
<b>Ik Degree Of Protection</b>	IK07 conforming to EN 50102
<b>Ambient Air Temperature For Operation</b>	-25...70 °C
<b>Ambient Air Temperature For Storage</b>	-50...85 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	44.500 cm
<b>Package 1 Width</b>	61.000 cm
<b>Package 1 Length</b>	59.000 cm
<b>Package 1 Weight</b>	61.600 kg

# Contractual warranty

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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-CO<sub>2</sub> 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 No need of specific recycling operations  
[Circularity Profile](#)