Product data sheet

Specifications

switch disconnector, Compact INS2000 , 2000 A, standard version with black rotary handle, 3 poles

31338

Main

Range	ComPact
Product Name	ComPacT INS
Product Or Component Type	Switch disconnector
Poles Description	3P
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
[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	125 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	Plate Rail

List Price displayed is VAT EXCLUSIVE.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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
Connection Pitch	70 mm
Height	440 mm
Width	347.5 mm
Depth	227.5 mm
Net Weight	35 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	44.000 cm
Package 1 Width	61.000 cm
Package 1 Length	59.000 cm
Package 1 Weight	48.000 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-CO_2 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