Specifications



switch disconnector, Compact INS2500, 2500A, standard version with black rotary handle, 4 poles

31341

Main

Mann		
Range	ComPact	
Product Name	ComPacT INS	
Product Or Component Type	Switch disconnector	
Poles Description	4P	
Network Type	AC DC	
Network Frequency	50/60 Hz	
[le] Rated Operational Current	AC-21B: 2500 A AC 50/60 Hz 220/240 V AC-21B: 2500 A AC 50/60 Hz 380/415 V AC-21B: 2500 A AC 50/60 Hz 440/480 V AC-21B: 2500 A AC 50/60 Hz 480 V NEMA AC-21B: 2500 A AC 50/60 Hz 500/525 V AC-21B: 2500 A AC 50/60 Hz 660/690 V AC-22B: 2500 A AC 50/60 Hz 220/240 V AC-22B: 2500 A AC 50/60 Hz 280/415 V AC-22B: 2500 A AC 50/60 Hz 440/480 V AC-22B: 2500 A AC 50/60 Hz 480 V NEMA AC-22B: 2500 A AC 50/60 Hz 480 V NEMA AC-22B: 2500 A AC 50/60 Hz 600/690 V AC-22B: 2500 A AC 50/60 Hz 660/690 V DC-21B: 2500 A DC 125 V 2 poles in series DC-22B: 2500 A DC 250 V 4 poles in series DC-22B: 2500 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	2500 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	

Plate Upside Connection Front Downside Connection Front Rated Duty Uninterrupted Intermittent Duty Class Class 120 - 60 % Itew] Rated Short-Time Withstand 50 kA during 0.5 s conforming to IEC 60947-3 13 kA during 20 s conforming to IEC 60947-3 30 kA during 23 s conforming to IEC 60947-3 50 kA during 23 s conforming to IEC 60947-3 50 kA during 0.8 s conforming to IEC 60947-3 Mechanical Durability 3000 cycles Electrical Durability 3000 cycles C-21B: 100 cycles 220/240 V AC 50/60 Hz AC-21B: 100 cycles 220/240 V AC 50/60 Hz AC-22B: 100 cycles 480 V AC 50/60 Hz AC-22B: 100 cycles 250 V DC 2 poles in series DC-22B: 100 cycles 250 V DC 2 poles in series DC-22B: 100 cycles 250 V DC 2 poles in series DC-22B: 100 cycles 250 V DC 2 poles in series		
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Width 462.5 mm Depth 227.5 mm	Connection Pitch	70 mm
Depth 227.5 mm	Height	440 mm
• · · · · · · · · · · · · · · · · · · ·	Width	462.5 mm
Net Weight 45 kg	Depth	227.5 mm
	Net 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	-2570 °C
Ambient Air Temperature For Storage	-5085 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	34.500 cm
Package 1 Width	61.400 cm
Package 1 Length	59.700 cm
Package 1 Weight	62.200 kg

Contractual warranty

Warranty

18 months

Sustainability

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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 >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance



Eq

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