



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: 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 380/415 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 500/525 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 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	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	250 V DC 690 V AC 50/60 Hz
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 %

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

[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 60947-3 IEC 60947-1
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

Package 1 Weight	44.500 kg
Package 1 Height	5.000 cm
Package 1 width	36.000 cm
Package 1 Length	40.000 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
----------	-----------