



### 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
Mounting support	Plate Rail
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	462.5 mm
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	-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 Weight	61.6 kg
Package 1 Height	44.5 cm
Package 1 width	61 cm
Package 1 Length	59 cm
Unit Type of Package 2	P06
Number of Units in Package 2	1
Package 2 Weight	61.6 kg
Package 2 Height	58 cm
Package 2 width	80 cm
Package 2 Length	60 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>

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Circularity Profile	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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**Contractual warranty**

Warranty	18 months
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