



### Main

Range	ComPact
Product name	Compact INS
Product or component type	Switch disconnector
Poles description	3P
Network type	DC AC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-21A: 630 A AC 50/60 Hz 220/240 V AC-21A: 630 A AC 50/60 Hz 380/415 V AC-21A: 630 A AC 50/60 Hz 440/480 V AC-21A: 630 A AC 50/60 Hz 480 V NEMA AC-21A: 630 A AC 50/60 Hz 500/525 V AC-21A: 630 A AC 50/60 Hz 660/690 V AC-22A: 630 A AC 50/60 Hz 220/240 V AC-22A: 630 A AC 50/60 Hz 380/415 V AC-22A: 630 A AC 50/60 Hz 440/480 V AC-22A: 630 A AC 50/60 Hz 480 V NEMA AC-22A: 630 A AC 50/60 Hz 500/525 V AC-22A: 630 A AC 50/60 Hz 660/690 V AC-23A: 630 A AC 50/60 Hz 220/240 V AC-23A: 630 A AC 50/60 Hz 380/415 V AC-23A: 630 A AC 50/60 Hz 440/480 V AC-23A: 630 A AC 50/60 Hz 480 V NEMA AC-23A: 630 A AC 50/60 Hz 500/525 V AC-23A: 630 A AC 50/60 Hz 660/690 V DC-21A: 630 A DC 125 V 2 poles in series DC-22A: 630 A DC 125 V 2 poles in series DC-23A: 630 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
[I <sub>th</sub> ] conventional free air thermal current	630 A at 60 °C
[I <sub>cm</sub> ] rated short-circuit making capacity	330 KA with upstream protection circuit breaker 690 V AC at 50/60 Hz 75 kA switch-disconnector alone 690 V AC at 50/60 Hz
[U <sub>e</sub> ] 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

Maximum power	AC-23: 250 kW at 220/240 V AC 50/60 Hz AC-23: 400 kW at 380/400 V AC 50/60 Hz AC-23: 500 kW at 415 V AC 50/60 Hz AC-23: 560 kW at 500/525 V AC 50/60 Hz AC-23: 710 kW at 660/690 V AC 50/60 Hz
Rated duty	Uninterrupted
Intermittent duty class	Class 120 - 60 %
[Icw] rated short-time withstand current	10 kA during 20 s conforming to IEC 60947-3 20 kA during 3 s conforming to IEC 60947-3 35 kA during 1 s conforming to IEC 60947-3 42 kA during 0.8 s conforming to IEC 60947-3 50 kA during 0.5 s conforming to IEC 60947-3 8 kA during 30 s conforming to IEC 60947-3
Mechanical durability	5000 cycles
Electrical durability	AC-21A: 1000 cycles 220/240 V AC 50/60 Hz AC-21A: 1000 cycles 380/415 V AC 50/60 Hz AC-21A: 1000 cycles 440/480 V AC 50/60 Hz AC-21A: 1000 cycles 500/525 V AC 50/60 Hz AC-21A: 1000 cycles 660/690 V AC 50/60 Hz AC-22A: 1000 cycles 220/240 V AC 50/60 Hz AC-22A: 1000 cycles 380/415 V AC 50/60 Hz AC-22A: 1000 cycles 440/480 V AC 50/60 Hz AC-22A: 1000 cycles 500/525 V AC 50/60 Hz AC-22A: 1000 cycles 660/690 V AC 50/60 Hz AC-23A: 1000 cycles 220/240 V AC 50/60 Hz AC-23A: 1000 cycles 380/415 V AC 50/60 Hz AC-23A: 1000 cycles 440/480 V AC 50/60 Hz AC-23A: 1000 cycles 500/525 V AC 50/60 Hz AC-23A: 1000 cycles 660/690 V AC 50/60 Hz DC-21A: 1000 cycles 125 V DC 2 poles in series DC-22A: 1000 cycles 125 V DC 2 poles in series DC-23A: 1000 cycles 125 V DC 2 poles in series
Connection pitch	70 mm
Height	300 mm
Width	340 mm
Depth	146.5 mm
Net weight	14 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

Package 1 Weight	15.642 kg
Package 1 Height	2.000 dm
Package 1 width	3.300 dm
Package 1 Length	3.650 dm

## 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	<a href="#">Yes</a>
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**

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Warranty	18 months
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