



Main

Range	Compact
Product name	Compact INS
Product or component type	Switch disconnecter
Poles description	4P
Network type	DC AC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-22A: 63 A AC 50/60 Hz 220/240 V AC-22A: 63 A AC 50/60 Hz 380/415 V AC-22A: 63 A AC 50/60 Hz 440/480 V AC-22A: 63 A AC 50/60 Hz 500 V AC-23A: 40 A AC 50/60 Hz 500 V AC-23A: 63 A AC 50/60 Hz 220/240 V AC-23A: 63 A AC 50/60 Hz 380/415 V AC-23A: 63 A AC 50/60 Hz 440/480 V DC-22A: 63 A DC 125 V 2 poles in series DC-23A: 63 A DC 125 V 2 poles in series DC-22A: 63 A DC 250 V 4 poles in series DC-23A: 63 A DC 250 V 4 poles in series
[Ui] rated insulation voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	63 A at 60 °C
[Icm] rated short-circuit making capacity	15 kA switch-disconnector alone 500 V AC at 50/60 Hz 75 kA with upstream protection circuit breaker 500 V AC at 50/60 Hz
[Ue] rated operational voltage	500 V AC 50/60 Hz 250 V DC
Suitability for isolation	Yes
Contact position indicator	Yes
Visible break	No
Pollution degree	3

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

## Complementary

Control type	Rotary handle
Handle colour	Black
Mounting mode	Fixed
Mounting support	Plate DIN rail
Upside connection	Front
Downside connection	Front
Cable cross section	1.5...50 mm <sup>2</sup>
Maximum power	AC-23: 15 kW at 220/240 V AC 50/60 Hz AC-23: 22 kW at 500/525 V AC 50/60 Hz AC-23: 30 kW at 380/415 V AC 50/60 Hz AC-23: 30 kW at 440 V AC 50/60 Hz
Rated duty	Uninterrupted
Intermittent duty class	Class 120 - 60 %
Enclosure dimensions for lthe	190 mm x 115 mm x 55 mm
[Icw] rated short-time withstand current	0.067 kA during 20 s conforming to IEC 60947-3 1.73 kA during 3 s conforming to IEC 60947-3 3 kA during 1 s conforming to IEC 60947-3 5.5 kA during 30 s conforming to IEC 60947-3
Mechanical durability	20000 cycles
Electrical durability	AC-22A: 1500 cycles 220/240 V AC 50/60 Hz AC-22A: 1500 cycles 380/415 V AC 50/60 Hz AC-22A: 1500 cycles 440 V AC 50/60 Hz AC-22A: 1500 cycles 500 V AC 50/60 Hz AC-23A: 1500 cycles 220/240 V AC 50/60 Hz AC-23A: 1500 cycles 380/415 V AC 50/60 Hz AC-23A: 1500 cycles 440 V AC 50/60 Hz AC-23A: 1500 cycles 500 V AC 50/60 Hz DC-22A: 1500 cycles 250 V DC 4 poles in series DC-23A: 1500 cycles 250 V DC 4 poles in series
Connection pitch	18 mm
Height	85 mm
Width	90 mm
Depth	62.5 mm
Net weight	0.6 kg

## Environment

Standards	IEC 60947-3 IEC 60947-1
Product certifications	CCC 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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
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>
Circularity Profile	No need of specific recycling operations
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
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