



Main

Range	Compact
Product or component type	Switch disconnector
Product name	Compact INS
Poles description	3P
Network type	AC DC
Network frequency	50/60 Hz
[Ie] rated operational current	AC-23A : 400 A AC 50/60 Hz 500/525 V AC-22A : 400 A AC 50/60 Hz 500/525 V AC-22A : 400 A AC 50/60 Hz 380/415 V AC-23A : 400 A AC 50/60 Hz 660/690 V DC-23A : 400 A DC 125 V 2 poles in series AC-22A : 400 A AC 50/60 Hz 440/480 V AC-23A : 400 A AC 50/60 Hz 220/240 V AC-23A : 400 A AC 50/60 Hz 380/415 V AC-23A : 400 A AC 50/60 Hz 440/480 V AC-22A : 400 A AC 50/60 Hz 480 V NEMA AC-23A : 400 A AC 50/60 Hz 480 V NEMA AC-22A : 400 A AC 50/60 Hz 660/690 V DC-22A : 400 A DC 125 V 2 poles in series AC-22A : 400 A AC 50/60 Hz 220/240 V
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV 8 kV conforming to IEC 60947-3
[Ith] conventional free air thermal current	400 A (60 °C)
[Icm] rated short-circuit making capacity	330 kA 690 V AC 50/60 Hz with upstream protection circuit breaker 50 kA 690 V AC 50/60 Hz switch-disconnector alone
[Ue] rated operational voltage	125 V DC 690 V AC 50/60 Hz
Suitability for isolation	Yes
Contact position indicator	Yes
Visible break	No

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

Pollution degree	3
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Complementary

Control type	Red and yellow rotary handle
Handle colour	Red
Mounting mode	Fixed
Mounting support	Plate Rail
Upside connection	Front
Downside connection	Front
Maximum power	AC-23 : 200 kW 380/415 V AC 50/60 Hz AC-23 : 110 kW 230 V NEMA AC 50/60 Hz AC-23 : 110 kW 220/240 V AC 50/60 Hz AC-23 : 220 kW 440 V AC 50/60 Hz AC-23 : 220 kW 480 V NEMA AC 50/60 Hz AC-23 : 250 kW 500/525 V AC 50/60 Hz AC-23 : 400 kW 660/690 V AC 50/60 Hz
Rated duty	Uninterrupted
[I _{cw}] rated short-time withstand current	11.5 kA (3 s) conforming to IEC 60947-3 20 kA (1 s) conforming to IEC 60947-3 4 kA (30 s) conforming to IEC 60947-3 4.9 kA (20 s) conforming to IEC 60947-3
Mechanical durability	10000 cycles
Electrical durability	AC-22A : 1500 cycles 440 V AC 50/60 Hz AC-22A : 1500 cycles 500 V AC 50/60 Hz AC-22A : 1500 cycles 690 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 AC-23A : 1500 cycles 690 V AC 50/60 Hz DC-23A : 1000 cycles 125 V DC
Connection pitch	45 mm
Height	205 mm
Width	185 mm
Depth	130 mm
Product weight	4.6 kg

Environment

Standards	IEC 60947-3 IEC 60947-1
Product certifications	KEMA-KEUR CCC
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
RoHS (date code: YYWW)	Compliant - since 0826 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available End of Life Information
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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