



Main

Range	Compact
Product name	Compact INS
Product or component type	Switch disconnector
Poles description	4P
Network type	DC AC
Network frequency	50/60 Hz
[Ie] rated operational current	80 A AC 50/60 Hz for 220/240 V in category AC-22A 80 A AC 50/60 Hz for 380/415 V in category AC-22A 80 A AC 50/60 Hz for 440/480 V in category AC-22A 80 A AC 50/60 Hz for 500 V in category AC-22A 40 A AC 50/60 Hz for 500 V in category AC-23A 63 A AC 50/60 Hz for 440/480 V in category AC-23A 72 A AC 50/60 Hz for 380/415 V in category AC-23A 80 A AC 50/60 Hz for 220/240 V in category AC-23A 80 A DC for 125 V in category DC-22A (2 poles in series) 80 A DC for 250 V in category DC-22A (4 poles in series) 80 A DC for 125 V in category DC-23A (2 poles in series) 80 A DC for 250 V in category DC-23A (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	80 A (60 °C)
[Icm] rated short-circuit making capacity	15 kA 500 V AC 50/60 Hz switch-disconnector alone 75 kA 500 V AC 50/60 Hz with upstream protection circuit breaker
[Ue] rated operational voltage	250 V DC 500 V AC 50/60 Hz
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 ²
Maximum power	22 kW AC 50/60 Hz for 220/240 V in category AC-23 22 kW AC 50/60 Hz for 500/525 V in category AC-23 37 kW AC 50/60 Hz for 380/415 V in category AC-23 37 kW AC 50/60 Hz for 440 V in category AC-23
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 (20 s) conforming to IEC 60947-3 1.73 kA (3 s) conforming to IEC 60947-3 3 kA (1 s) conforming to IEC 60947-3 5.5 kA (30 s) conforming to IEC 60947-3
Mechanical durability	20000 cycles
Electrical durability	1500 cycles for 220/240 V AC 50/60 Hz in category AC-22A 1500 cycles for 380/415 V AC 50/60 Hz in category AC-22A 1500 cycles for 440 V AC 50/60 Hz in category AC-22A 1500 cycles for 500 V AC 50/60 Hz in category AC-22A 1500 cycles for 220/240 V AC 50/60 Hz in category AC-23A 1500 cycles for 380/415 V AC 50/60 Hz in category AC-23A 1500 cycles for 440 V AC 50/60 Hz in category AC-23A 1500 cycles for 500 V AC 50/60 Hz in category AC-23A 1500 cycles for 250 V DC in category DC-22A (4 poles in series) 1500 cycles for 250 V DC in category DC-23A (4 poles in series)
Connection pitch	18 mm
Height	85 mm
Width	90 mm
Depth	62.5 mm
Product weight	0.6 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 0815 - 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
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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