



Main

Switch-disconnector name	Interpact INS250
[I _{th}] conventional free air thermal current	160 A 60 °C
Poles description	3P
[I _e] rated operational current	160 A AC-22A AC 50/60 Hz 220/240 V 160 A AC-23A AC 50/60 Hz 220/240 V 160 A AC-22A AC 50/60 Hz 380/415 V 160 A AC-23A AC 50/60 Hz 380/415 V 160 A AC-22A AC 50/60 Hz 440/480 V 160 A AC-23A AC 50/60 Hz 440/480 V 160 A AC-22A AC 50/60 Hz 500/525 V 160 A AC-23A AC 50/60 Hz 500/525 V 160 A AC-22A AC 50/60 Hz 660/690 V 160 A AC-23A AC 50/60 Hz 660/690 V 160 A DC-22A DC 125 V 2 poles in series 160 A DC-23A DC 125 V 2 poles in series 160 A AC-22A AC 50/60 Hz 480 V NEMA 160 A AC-23A AC 50/60 Hz 480 V NEMA
[I _{cm}] rated short-circuit making capacity	30 kA switch-disconnector alone 690 V AC 50/60 Hz 330 kA with upstream protection circuit breaker 690 V AC 50/60 Hz
[U _i] rated insulation voltage	750 V AC 50/60 Hz
[U _e] rated operational voltage	125 V DC 690 V AC 50/60 Hz
Suitability for isolation	Yes
Pollution degree	3
Network type	AC DC
Network frequency	50/60 Hz
Contact position indicator	Yes
Visible break	No

Complementary

Control type	Direct front rotary handle
Mounting support	Plate Rail
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
Maximum power	45 kW AC-23 220/240 V AC 50/60 Hz 45 kW AC-23 230 V NEMA AC 50/60 Hz 75 kW AC-23 380/415 V AC 50/60 Hz 90 kW AC-23 440 V AC 50/60 Hz 90 kW AC-23 660/690 V AC 50/60 Hz 90 kW AC-23 480 V NEMA AC 50/60 Hz 110 kW AC-23 500/525 V AC 50/60 Hz
[I _{cw}] rated short-time withstand current	1,8 kA 30 s IEC 60947-3 2,2 kA 20 s IEC 60947-3 4,9 kA 3 s IEC 60947-3 8,5 kA 1 s IEC 60947-3
Mechanical durability	15000 cycles

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Electrical durability	1500 cycles 440 V AC 50/60 Hz AC-22A 1500 cycles 440 V AC 50/60 Hz AC-23A 1500 cycles 500 V AC 50/60 Hz AC-22A 1500 cycles 500 V AC 50/60 Hz AC-23A 1500 cycles 690 V AC 50/60 Hz AC-22A 1500 cycles 690 V AC 50/60 Hz AC-23A 1500 cycles 125 V 2 poles in series DC DC-22A 1500 cycles 125 V 2 poles in series DC DC-23A
Rated duty	Uninterrupted
Connection pitch	35 mm
Height	136 mm
Width	140 mm
Depth	96 mm
Product weight	2 kg

Environment

Standards	IEC 60947-1 IEC 60947-3
Product certifications	CCC KEMA-KEUR
IP degree of protection	IP40 IEC 60529
IK degree of protection	IK07 EN 50102
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C
RoHS EUR conformity date	0826
RoHS EUR status	Compliant