



Main

Range of product	Interpact INS250
Device short name	INS250
Poles description	3P
Network type	AC DC
Network frequency	50/60 Hz
Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
Suitability for isolation	Yes
Contact position indicator	Yes
[Icm] rated short-circuit making capacity	30 kA 690 V AC 50/60 Hz switch-disconnector alone 330 kA 690 V AC 50/60 Hz with upstream protection circuit breaker

Complementary

Transfer switch class	PC
Number of contact position	3
Control type	Direct front rotary handle
Mounting support	Plate Rail
Locking options description	Padlocking in OFF position
[Ie] rated operational current	AC-22A: 160 A AC 50/60 Hz 220/240 V AC-22A: 160 A AC 50/60 Hz 380/415 V AC-22A: 160 A AC 50/60 Hz 440/480 V AC-22A: 160 A AC 50/60 Hz 500/525 V AC-22A: 160 A AC 50/60 Hz 660/690 V AC-22A: 160 A AC 50/60 Hz 480 V NEMA AC-23A: 160 A AC 50/60 Hz 220/240 V AC-23A: 160 A AC 50/60 Hz 380/415 V AC-23A: 160 A AC 50/60 Hz 440/480 V AC-23A: 160 A AC 50/60 Hz 500/525 V AC-23A: 160 A AC 50/60 Hz 660/690 V AC-23A: 160 A AC 50/60 Hz 480 V NEMA DC-22A: 160 A DC 125 V 2 poles in series DC-23A: 160 A DC 125 V 2 poles in series
[Ith] conventional free air thermal current	160 A (60 °C)
Rated duty	Uninterrupted
Intermittent duty class	Class 120 - 60 %
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	(8 kV
[Ue] rated operational voltage	125 V DC conforming to IEC 60947-3 690 V AC 50/60 Hz conforming to IEC 60947-3 750 V DC conforming to IEC 60947-3 750 V AC 50/60 Hz conforming to IEC 60947-3
Mechanical interlocking	With mechanical interlocking
Mechanical durability	15000 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-22A: 1500 cycles 125 V DC 2 poles in series DC-23A: 1500 cycles 125 V DC 2 poles in series

Connection pitch	45 mm
[Icw] rated short-time withstand current	1.8 kA (30 s) conforming to IEC 60947-3 2.2 kA (20 s) conforming to IEC 60947-3 4.9 kA (3 s) conforming to IEC 60947-3 8.5 kA (1 s) conforming to IEC 60947-3
Height	136 mm
Width	295 mm
Depth	131 mm
Product weight	6.4 kg

Environment

Standards	IEC 60947-1 IEC 60947-3
Product certifications	CCC KEMA-KEUR
Electrical shock protection class	Class II
IP degree of protection	IP40 conforming to IEC 60947-3
Pollution degree	3
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C
RoHS EUR conformity date	0837
RoHS EUR status	Compliant