



Main

Range	Compact
Product name	Compact INS
Product or component type	Switch disconnector
Poles description	3P
Network type	DC AC
Network frequency	50/60 Hz
[Ie] rated operational current	125 A AC 50/60 Hz 220/240 V in category AC-22A 125 A AC 50/60 Hz 380/415 V in category AC-22A 125 A AC 50/60 Hz 440/480 V in category AC-22A 125 A AC 50/60 Hz 500 V in category AC-22A 125 A AC 50/60 Hz 660/690 V in category AC-22A 125 A AC 50/60 Hz 220/240 V in category AC-23A 125 A AC 50/60 Hz 380/415 V in category AC-23A 125 A AC 50/60 Hz 440/480 V in category AC-23A 125 A AC 50/60 Hz 500 V in category AC-23A 80 A AC 50/60 Hz 660/690 V in category AC-23A 125 A DC 125 V in category DC-22A (2 poles in series) 125 A DC 125 V in category DC-23A (2 poles in series)
[Ui] rated insulation voltage	750 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	125 A (140 °F (60 °C))
[Icm] rated short-circuit making capacity	154 kA 690 V AC 50/60 Hz with upstream protection circuit breaker 20 kA 690 V AC 50/60 Hz switch-disconnector alone
System Voltage	125 V DC 690 V AC 50/60 Hz
Suitability for isolation	Yes
Contact position indicator	Yes
Visible break	No
Pollution degree	3

Complementary

Control type	Rotary handle
Handle colour	Black
Mounting mode	Fixed
Mounting support	Plate DIN rail
Upside connection	Front
Downside connection	Front
Maximum power	55 kW AC 50/60 Hz 440 V in category AC-23 37 kW AC 50/60 Hz 220/240 V in category AC-23 55 kW AC 50/60 Hz 380/415 V in category AC-23 75 kW AC 50/60 Hz 500/525 V in category AC-23 75 kW AC 50/60 Hz 660/690 V in category AC-23
Rated duty	Uninterrupted
Intermittent duty class	Class 120 - 60 %
Enclosure dimensions for lthe	260 mm x 160 mm x 55 mm
[Icw] rated short-time withstand current	0.01 kA (30 s) conforming to IEC 60947-3 1.23 kA (20 s) conforming to IEC 60947-3 3.175 kA (3 s) conforming to IEC 60947-3 5.5 kA (1 s) conforming to IEC 60947-3
Mechanical durability	15000 cycles
Electrical durability	1500 cycles 220/240 V AC 50/60 Hz in category AC-22A 1500 cycles 380/415 V AC 50/60 Hz in category AC-22A 1500 cycles 440 V AC 50/60 Hz in category AC-22A 1500 cycles 500 V AC 50/60 Hz in category AC-22A 1500 cycles 690 V AC 50/60 Hz in category AC-22A 1500 cycles 220/240 V AC 50/60 Hz in category AC-23A 1500 cycles 380/415 V AC 50/60 Hz in category AC-23A 1500 cycles 440 V AC 50/60 Hz in category AC-23A 1500 cycles 500 V AC 50/60 Hz in category AC-23A 1500 cycles 690 V AC 50/60 Hz in category AC-23A 1500 cycles 250 V DC in category DC-22A (2 poles in series) 1500 cycles 250 V DC in category DC-23A (2 poles in series)
Connection pitch	1.18 in (30 mm)
Height	3.94 in (100 mm)
Width	5.31 in (135 mm)
Depth	2.46 in (62.5 mm)
Product weight	1.76 lb(US) (0.8 kg)

Environment

Standards	IEC 60947-1 IEC 60947-3
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	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-58...185 °F (-50...85 °C)

Ordering and shipping details

Category	01078 - DE2 MISC
Discount Schedule	DE2
GTIN	00785901441410
Nbr. of units in pkg.	1
Package weight(Lbs)	2.3199999999999998
Returnability	Y
Country of origin	FR

Contractual warranty

Warranty period	18 months
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