



Main

Range	ComPact
Product name	ComPact INS
Product or Component Type	Switch disconnecter
Poles description	4P
Network type	AC DC
Network Frequency	50/60 Hz
[Ie] rated operational current	AC-23A 40 A AC 50/60 Hz 500 V AC-23A 63 A AC 50/60 Hz 440/480 V 2 poles in series AC-22A 80 A AC 50/60 Hz 220/240 V 4 poles in series AC-22A 80 A AC 50/60 Hz 380/415 V 4 poles in series AC-22A 80 A AC 50/60 Hz 440/480 V AC-22A 80 A AC 50/60 Hz 500 V AC-23A 72 A AC 50/60 Hz 380/415 V AC-23A 80 A AC 50/60 Hz 220/240 V DC-22A 80 A DC 50/60 Hz 125 V 2 poles in series DC-23A 80 A DC 50/60 Hz 125 V 2 poles in series DC-22A 80 A DC 50/60 Hz 250 V 4 poles in series DC-23A 80 A DC 250 V 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 140 °F (60 °C)
[Icm] rated short-circuit making capacity	15 KA switch-disconnector alone 500 V AC 50/60 Hz 75 kA with upstream protection circuit breaker 500 V AC 50/60 Hz
[Ue] rated operational voltage	500 V AC 50/60 Hz 250 V DC
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
Cable cross section	0.00...0.08 in ² (1.5...50 mm ²)

Maximum power	AC-23 22 kW 500/525 V AC 50/60 Hz AC-23 22 kW 220/240 V AC 50/60 Hz AC-23 37 kW 380/415 V AC 50/60 Hz AC-23 37 kW 440 V AC 50/60 Hz
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 IEC 60947-3 1.73 KA 3 s IEC 60947-3 3 KA 1 s IEC 60947-3 5.5 kA 30 s IEC 60947-3
Mechanical durability	20000 cycles
Electrical durability	AC-22A 1500 cycles 220/240 V AC 50/60 Hz AC-22A 1500 cycles 380/415 V AC 50/60 Hz 4 poles in series AC-22A 1500 cycles 440 V AC 50/60 Hz AC-22A 1500 cycles 500 V AC 50/60 Hz AC-23A 1500 cycles 220/240 V AC 50/60 Hz AC-23A 1500 cycles 380/415 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 DC-22A 1500 cycles 250 V DC 50/60 Hz 4 poles in series DC-23A 1500 cycles 250 V DC 4 poles in series
Connection pitch	0.71 in (18 mm)
Height	3.35 in (85 mm)
Width	3.54 in (90 mm)
Depth	2.46 in (62.5 mm)
Net Weight	1.32 lb(US) (0.6 kg)

Environment

Standards	IEC 60947-3 IEC 60947-1
Product Certifications	CCC[RETURN]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	US10DE201096
Discount Schedule	0DE2
GTIN	3303430289050
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.82 in (9.700 cm)
Package 1 Width	3.94 in (10.000 cm)
Package 1 Length	3.94 in (10.000 cm)
Package 1 Weight	22.93 oz (650.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	26.61 lb(US) (12.070 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	144
Package 3 Height	19.69 in (50.000 cm)

Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	47.24 in (120.000 cm)
Package 3 Weight	242.03 lb(US) (109.784 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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