Product data sheet

Specifications

switch disconnector, Compact INS80, 80A, standard version with black rotary handle, 4 poles

28905

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 393.00 USD

Main

Range	ComPact
Product name	ComPacT INS
Product or Component Type	Switch disconnector
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 AC-22A 80 A AC 50/60 Hz 220/240 V AC-22A 80 A AC 50/60 Hz 380/415 V 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 125 V 2 poles in series DC-23A 80 A DC 125 V 2 poles in series DC-22A 80 A DC 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Upside connection	Front
Downside connection	Front
Cable cross section	0.002…0.08 in² (1.5…50 mm²)
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 %
[Icw] rated short-time withstand current	0.67 kA 20 s IEC 60947-3 1.73 kA 3 s IEC 60947-3 3 kA 1 s IEC 60947-3 0.55 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 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 4 poles in series DC-23A 1500 cycles 250 V DC 4 poles in series
Connection pitch	0.7 in (18 mm)
Height	3.3 in (85 mm)
Width	3.5 in (90 mm)
Depth	2.5 in (62.5 mm)
Net Weight	1.3 lb(US) (0.6 kg)

Environment

Standards	IEC 60947-3 IEC 60947-1
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	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	22.928 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	26.610 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	242.032 lb(US) (109.784 kg)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

How we assess product sustainability >

Transparency

Well-being performance

✅ Reach Free Of Svhc

✅ Toxic Heavy Metal Free

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
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

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