Product datasheet

Specifications

Green Premium™

switch disconnector, Compact INS400, 400A, standard version with black rotary handle, 4 poles

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Main

Range	ComPact
Product Or Component Type	Switch disconnector
Product Name	ComPacT INS
Poles Description	4P
Network Type	DC AC
Network Frequency	50/60 Hz
[Ie] Rated Operational Current	AC-22A: 400 A AC 50/60 Hz 220/240 V AC-22A: 400 A AC 50/60 Hz 380/415 V AC-22A: 400 A AC 50/60 Hz 440/480 V AC-22A: 400 A AC 50/60 Hz 480 V NEMA AC-22A: 400 A AC 50/60 Hz 500/525 V AC-22A: 400 A AC 50/60 Hz 660/690 V AC-23A: 400 A AC 50/60 Hz 220/240 V AC-23A: 400 A AC 50/60 Hz 380/415 V AC-23A: 400 A AC 50/60 Hz 440/480 V AC-23A: 400 A AC 50/60 Hz 480 V NEMA AC-23A: 400 A AC 50/60 Hz 500/525 V AC-23A: 400 A AC 50/60 Hz 660/690 V DC-22A: 400 A DC 125 V 2 poles in series DC-22A: 400 A DC 250 V 4 poles in series DC-23A: 400 A DC 125 V 2 poles in series DC-23A: 400 A DC 250 V 4 poles in series
[Ui] Rated Insulation Voltage	750 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	8 kV 8 kV conforming to IEC 60947-3
[Ith] Conventional Free Air Thermal Current	400 A at 60 °C
[Icm] Rated Short-Circuit Making Capacity	330 kA with upstream protection circuit breaker 690 V AC at 50/60 Hz 50 kA switch-disconnector alone 690 V AC at 50/60 Hz
[Ue] Rated Operational Voltage	250 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	Direct front rotary handle
Handle Colour	Black
Mounting Mode	Fixed

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Mounting Support	Rail Plate
Upside Connection	Front
Downside Connection	Front
Maximum Power	AC-23: 110 kW at 220/240 V AC 50/60 Hz AC-23: 110 kW at 230 V AC 50/60 Hz (NEMA) AC-23: 200 kW at 380/415 V AC 50/60 Hz AC-23: 220 kW at 440 V AC 50/60 Hz AC-23: 220 kW at 480 V AC 50/60 Hz (NEMA) AC-23: 250 kW at 500/525 V AC 50/60 Hz AC-23: 400 kW at 660/690 V AC 50/60 Hz
Rated Duty	Uninterrupted
[Icw] Rated Short-Time Withstand Current	11.5 kA during 3 s conforming to IEC 60947-3 20 kA during 1 s conforming to IEC 60947-3 4 kA during 30 s conforming to IEC 60947-3 4.9 kA during 20 s conforming to IEC 60947-3
Mechanical Durability	10000 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-23A: 1000 cycles 250 V DC 4 poles in series
Connection Pitch	45 mm
Height	205 mm
Width	185 mm
Depth	130 mm
Net Weight	4.9 kg

Environment

Standards	IEC 60947-1 IEC 60947-3
Product Certifications	KEMA-KEUR CCC
Ip Degree Of Protection	IP40 conforming to IEC 60529
Ik Degree Of Protection	IK07 conforming to EN 50102
Ambient Air Temperature For Operation	-25…70 °C
Ambient Air Temperature For Storage	-50…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	18.800 cm
Package 1 Width	19.400 cm
Package 1 Length	22.400 cm
Package 1 Weight	5.538 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	4
Package 2 Height	30.000 cm

Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	22.918 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	16
Package 3 Height	50.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	100.000 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 >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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