Product datasheet

Specification





ComPact, Switch disconnector, Compact INS400 , 400 A, standard version with black rotary handle, 3 poles

31110

Main

ComPact
Switch disconnector
ComPacT INS
3P
AC
DC
50/60 Hz
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-23A: 400 A DC 125 V 2 poles in series
750 V AC 50/60 Hz
8 kV
8 kV conforming to IEC 60947-3
400 A at 60 °C
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
125 V DC
690 V AC 50/60 Hz
Yes
Yes
No
3

Complementary

Control Type	Direct front rotary handle
Handle Colour	Black
Mounting Mode	Fixed
Mounting Support	Plate Rail

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 400 V AC 50/60 Hz 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	11.5 kA during 3 s conforming to IEC 60947-3	_
Current	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 125 V DC 2 poles in series	
Connection Pitch	45 mm	
Height	205 mm	_
Width	185 mm	_
Depth	130 mm	
Net Weight	4.6 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	-2570 °C
Ambient Air Temperature For Storage	-5085 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	19.000 cm
Package 1 Width	19.000 cm
Package 1 Length	22.600 cm
Package 1 Weight	5.000 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	20.766 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	95.144 kg

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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