

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

Local distributor code: 382087165 31110

EAN Code: 3303430311102

Main

IVIAIII		
Range	ComPact	
Product or component type	Switch disconnector	
product name	ComPacT INS	
Poles description	3P	
Network type	AC	
	DC	
Network frequency	50/60 Hz	
[le] 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-23A: 400 A DC 125 V 2 poles in series	
[Ui] rated insulation voltage	800 V AC 50/60 Hz	
[Uimp] rated impulse withstand	8 kV	
voltage	8 kV conforming to IEC 60947-3	
[Ith] conventional free air thermal current	400 A at 60 °C	
[Icm] rated short-circuit making	330 kA with upstream protection circuit breaker 690 V AC at 50/60 Hz	
capacity	50 kA switch-disconnector alone 690 V AC at 50/60 Hz	
[Ue] rated operational 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

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control type	Direct front rotary handle	
Handle colour	Black	
Mounting mode	Fixed	
Mounting support	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	
[lcw] 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	120 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

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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	4.985 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	20.639 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	93.757 kg

Logistical informations

Country of origin

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	371
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	Bbc62998-8aa6-42dc-8088-17a5c936153d
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins