

# switch disconnector, Compact INS250, 250 A, standard version with black rotary handle, 4 poles

Local distributor code: 382087356 31107

EAN Code: 3303430311072

## Main

Mani		
Range	ComPact	
Product or component type	Switch disconnector	
product name	ComPacT INS	
Poles description	4P	
Network type	AC DC	
Network frequency	50/60 Hz	
[le] rated operational current	AC-22A: 250 A AC 50/60 Hz 220/240 V AC-22A: 250 A AC 50/60 Hz 380/415 V AC-22A: 250 A AC 50/60 Hz 440/480 V AC-22A: 250 A AC 50/60 Hz 480 V NEMA AC-22A: 250 A AC 50/60 Hz 500/525 V AC-22A: 250 A AC 50/60 Hz 660/690 V AC-23A: 250 A AC 50/60 Hz 220/240 V AC-23A: 250 A AC 50/60 Hz 380/415 V AC-23A: 250 A AC 50/60 Hz 380/415 V AC-23A: 250 A AC 50/60 Hz 380 V NEMA AC-23A: 250 A AC 50/60 Hz 380 V NEMA AC-23A: 250 A AC 50/60 Hz 480 V NEMA AC-23A: 250 A AC 50/60 Hz 480 V NEMA AC-23A: 250 A AC 50/60 Hz 660/690 V DC-22A: 250 A AC 50/60 Hz 660/690 V DC-22A: 250 A DC 125 V 2 poles in series DC-23A: 250 A DC 125 V 2 poles in series DC-23A: 250 A DC 125 V 2 poles in series DC-23A: 250 A DC 250 V 4 poles in series	
[Ui] rated insulation voltage	800 V AC 50/60 Hz	
[Ith] conventional free air thermal current	250 A at 60 °C	
[lcm] rated short-circuit making capacity	30 kA switch-disconnector alone 690 V AC at 50/60 Hz 330 kA with upstream protection circuit breaker 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
Mounting support	Rail Plate

Upside connection	Front
Downside connection	Front
Maximum power	AC-23: 132 kW at 380/415 V AC 50/60 Hz
	AC-23: 150 kW at 440 V AC 50/60 Hz
	AC-23: 150 kW at 480 V AC 50/60 Hz (NEMA)
	AC-23: 160 kW at 500/525 V AC 50/60 Hz
	AC-23: 210 kW at 660/690 V AC 50/60 Hz
	AC-23: 75 kW at 220/240 V AC 50/60 Hz
	AC-23: 75 kW at 230 V AC 50/60 Hz (NEMA)
Rated duty	Uninterrupted
[lcw] rated short-time withstand	1.8 kA during 30 s conforming to IEC 60947-3
current	2.2 kA during 20 s conforming to IEC 60947-3
	4.9 kA during 3 s conforming to IEC 60947-3
	8.5 kA during 1 s conforming to IEC 60947-3
Mechanical durability	15000 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-22A: 1500 cycles 250 V DC 4 poles in series
	DC-23A: 1500 cycles 250 V DC 4 poles in series
Connection pitch	35 mm
Height	136 mm
Width	140 mm
Depth	96 mm
Net weight	2.2 kg
Environment	
Standards	IEC 60947-3
	IEC 60947-1
Product certifications	KEMA-KEUR
	CCC

Standards	IEC 60947-3 IEC 60947-1
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	-50…85 ℃

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.000 cm
Package 1 Width	13.700 cm
Package 1 Length	16.300 cm
Package 1 Weight	2.406 kg
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm

Package 2 Length	60.000 cm
Package 2 Weight	22.358 kg
Unit Type of Package 3	P12
Number of Units in Package 3	36
Package 3 Height	50.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	100.630 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)	455
Environmental Disclosure	Product Environmental Profile

### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	E07f84b1-8f0b-4216-b13d-b812d80ed78b
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

# **Technical Illustration**

# Assembly's dimensions

