

switch disconnector, Compact INS40, 40A, standard version with black rotary handle, 4 poles

28901

Main

IVIAIII		
Range	ComPact	
product name	ComPacT INS	
Product or component type	Switch disconnector	
Poles description	4P	
Network type	DC	
	AC	
Network frequency	50/60 Hz	
[le] rated operational current	AC-22A: 40 A AC 50/60 Hz 220/240 V	
	AC-22A: 40 A AC 50/60 Hz 380/415 V	
	AC-22A: 40 A AC 50/60 Hz 440/480 V	
	AC-22A: 40 A AC 50/60 Hz 500 V	
	AC-23A: 32 A AC 50/60 Hz 500 V	
	AC-23A: 40 A AC 50/60 Hz 220/240 V	
	AC-23A: 40 A AC 50/60 Hz 380/415 V	
	AC-23A: 40 A AC 50/60 Hz 440/480 V	
	DC-22A: 40 A DC 125 V 2 poles in series	
	DC-23A: 40 A DC 125 V 2 poles in series	
	DC-22A: 40 A DC 250 V 4 poles in series	
	DC-23A: 40 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	40 A at 60 °C	
[lcm] rated short-circuit making	15 kA switch-disconnector alone 500 V AC at 50/60 Hz	
capacity	75 kA with upstream protection circuit breaker 500 V AC at 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	DIN rail Plate	
Upside connection	Front	

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

Downside connection	Front	
Cable cross section	1.550 mm²	
Maximum power	AC-23: 11 kW at 220/240 V AC 50/60 Hz AC-23: 18.5 kW at 500/525 V AC 50/60 Hz AC-23: 20 kW at 380/415 V AC 50/60 Hz	
	AC-23: 22 kW at 440 V AC 50/60 Hz	
Rated duty	Uninterrupted	
Intermittent duty class	Class 120 - 60 %	
[Icw] rated short-time withstand	0.67 kA during 20 s conforming to IEC 60947-3	
current	1.73 kA during 3 s conforming to IEC 60947-3	
	3 kA during 1 s conforming to IEC 60947-3	
	0.55 kA during 30 s conforming to 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	18 mm	
Height	85 mm	
Width	90 mm	
Depth	62.5 mm	
Net weight	0.6 kg	
Environment		
Standards	IEC 60047.2	
Statiualus	IEC 60947-3	
	IEC 60947-1	
Product certifications	CCC	

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	-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	9.4 cm
Package 1 Width	9.8 cm
Package 1 Length	9.4 cm
Package 1 Weight	652 g
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	30 cm

Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	12.224 kg
Unit Type of Package 3	P12
Number of Units in Package 3	144
Package 3 Height	50 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	110.272 kg

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)	28
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
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