Product datasheet

Specification





switch disconnector, Compact INS40, 40A, with red rotary handle and yellow front, 3 poles

28916

Main

Main	
Range	ComPact
Product Name	ComPacT INS
Product Or Component Type	Switch disconnector
Poles Description	3P
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 2 poles in series 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 50/60 Hz 125 V 2 poles in series DC-23A: 40 A DC 125 V 2 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
[Icm] Rated Short-Circuit Making Capacity	15 kA switch-disconnector alone 500 V AC at 50/60 Hz 75 kA with upstream protection circuit breaker 500 V AC at 50/60 Hz
[Ue] Rated Operational Voltage	125 V DC 500 V AC 50/60 Hz
Suitability For Isolation	Yes
Contact Position Indicator	Yes
Visible Break	No
Pollution Degree	3

Complementary

	,
Control Type	Rotary handle
Handle Colour	Red
Mounting Mode	Fixed
Mounting Support	DIN rail Plate
Upside Connection	Front
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 %	
Enclosure Dimensions For Ithe	190 mm x 115 mm x 55 mm	
[Icw] Rated Short-Time Withstand	0.067 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	
	5.5 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 2 poles in series	
	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 50/60 Hz 2 poles in series	
	DC-23A: 1500 cycles 250 V DC 2 poles in series	
Connection Pitch	18 mm	
Height	85 mm	
Width 90 mm		
Depth	62.5 mm	
	0.5 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	9.1 cm
Package 1 Width	10.2 cm
Package 1 Length	10.1 cm
Package 1 Weight	603.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	18
Package 2 Height	30.0 cm

Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	11.265 kg

Contractual warranty

Warranty 18 months

Sustainability Screen 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

②	Reach Free Of Svhc	
9	Toxic Heavy Metal Free	
②	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
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