

# Product datasheet

Specifications



switch disconnecter, Compact INS630 , 630 A, standard version with black rotary handle, 3 poles

31114

## Main

Range	ComPact
Product Or Component Type	Switch disconnecter
Product Name	ComPacT INS
Poles Description	3P
Network Type	AC DC
Network Frequency	50/60 Hz
[Ie] Rated Operational Current	AC-22A: 630 A AC 50/60 Hz 220/240 V AC-22A: 630 A AC 50/60 Hz 380/415 V AC-22A: 630 A AC 50/60 Hz 440/480 V AC-22A: 630 A AC 50/60 Hz 480 V NEMA AC-22A: 630 A AC 50/60 Hz 500/525 V AC-22A: 630 A AC 50/60 Hz 660/690 V AC-23A: 630 A AC 50/60 Hz 220/240 V AC-23A: 630 A AC 50/60 Hz 380/415 V AC-23A: 630 A AC 50/60 Hz 440/480 V AC-23A: 630 A AC 50/60 Hz 480 V NEMA AC-23A: 630 A AC 50/60 Hz 500/525 V AC-23A: 630 A AC 50/60 Hz 660/690 V DC-22A: 550 A DC 125 V 2 poles in series DC-23A: 550 A DC 125 V 2 poles in series DC-23B: 630 A DC 125 V 2 poles in series
[Ui] Rated Insulation Voltage	750 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	8 kV 8 kV conforming to IEC 60947-3
[Ith] Conventional Free Air Thermal Current	630 A at 60 °C
[Icm] Rated Short-Circuit Making Capacity	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
[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

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

<b>Mounting Support</b>	Rail Plate
<b>Upside Connection</b>	Front
<b>Downside Connection</b>	Front
<b>Maximum Power</b>	AC-23: 200 kW at 220/240 V AC 50/60 Hz AC-23: 200 kW at 230 V AC 50/60 Hz (NEMA) AC-23: 315 kW at 380/415 V AC 50/60 Hz AC-23: 375 kW at 480 V AC 50/60 Hz (NEMA) AC-23: 400 kW at 440 V AC 50/60 Hz AC-23: 400 kW at 500/525 V AC 50/60 Hz AC-23: 560 kW at 660/690 V AC 50/60 Hz
<b>Rated Duty</b>	Uninterrupted
<b>[Icw] Rated Short-Time Withstand Current</b>	11.5 kA during 3 s conforming to IEC 60947-3 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
<b>Mechanical Durability</b>	10000 cycles
<b>Electrical Durability</b>	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 DC-23B: 200 cycles 125 V DC 2 poles in series
<b>Connection Pitch</b>	45 mm
<b>Height</b>	205 mm
<b>Width</b>	185 mm
<b>Depth</b>	130 mm
<b>Net Weight</b>	4.6 kg

## Environment

<b>Standards</b>	IEC 60947-3 IEC 60947-1
<b>Product Certifications</b>	CCC KEMA-KEUR
<b>Ip Degree Of Protection</b>	IP40 conforming to IEC 60529
<b>Ik Degree Of Protection</b>	IK07 conforming to EN 50102
<b>Ambient Air Temperature For Operation</b>	-25...70 °C
<b>Ambient Air Temperature For Storage</b>	-50...85 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	19.2 cm
<b>Package 1 Width</b>	19.2 cm
<b>Package 1 Length</b>	22.4 cm
<b>Package 1 Weight</b>	4.988 kg
<b>Unit Type Of Package 2</b>	S04
<b>Number Of Units In Package 2</b>	4

Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	20.718 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	16
Package 3 Height	50 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	91.984 kg

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> 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](#)