

# Product datasheet

Specifications



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

Local distributor code:

382087330

31114

EAN Code: 3303430311140

## 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	800 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>	120 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>	19.200 cm
<b>Package 1 Width</b>	19.200 cm
<b>Package 1 Length</b>	22.400 cm
<b>Package 1 Weight</b>	5.000 kg
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	4

Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	20.701 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	94.003 kg

## Logistical informations

Country of origin	PL
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## Contractual warranty

Warranty	18 months
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## Environmental Data

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

Total lifecycle Carbon footprint 866

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number Bbc62998-8aa6-42dc-8088-17a5c936153d

REACH Regulation [REACH Declaration](#)

## Use Again

### Repack and remanufacture

Recyclability potential, in % 89

End of life manual availability [End of Life Information](#)

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins