

# Product data sheet

Specifications



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

31114

**Product availability: Non-Stock - Not normally stocked in distribution facility**

## 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 kVIEC 60947-3
[Ith] conventional free air thermal current	630 A 140 °F (60 °C)
[Icm] rated short-circuit making capacity	330 kA with upstream protection circuit breaker 690 V AC 50/60 Hz 50 kA switch-disconnector alone 690 V AC 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

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

<b>Mounting Support</b>	Rail Plate
<b>Upside connection</b>	Front
<b>Downside connection</b>	Front
<b>Maximum power</b>	AC-23 200 kW 220/240 V AC 50/60 Hz AC-23 200 kW 230 V AC 50/60 Hz NEMA) AC-23 315 kW 380/415 V AC 50/60 Hz AC-23 375 kW 480 V AC 50/60 Hz NEMA) AC-23 400 kW 440 V AC 50/60 Hz AC-23 400 kW 500/525 V AC 50/60 Hz AC-23 560 kW 660/690 V AC 50/60 Hz
<b>Rated duty</b>	Uninterrupted
<b>[Icw] rated short-time withstand current</b>	11.5 kA 3 s IEC 60947-3 20 kA 1 s IEC 60947-3 4 kA 30 s IEC 60947-3 4.9 kA 20 s 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>	1.8 in (45 mm)
<b>Height</b>	8.07 in (205 mm)
<b>Width</b>	7.3 in (185 mm)
<b>Depth</b>	4.7 in (120 mm)
<b>Net Weight</b>	10.1 lb(US) (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>	-13...158 °F (-25...70 °C)
<b>Ambient Air Temperature for Storage</b>	-58...185 °F (-50...85 °C)

## Ordering and shipping details

<b>Category</b>	US10DE201093
<b>Discount Schedule</b>	0DE2
<b>GTIN</b>	3303430311140
<b>Returnability</b>	Yes
<b>Country of origin</b>	US

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1

<b>Package 1 Height</b>	7.559 in (19.200 cm)
<b>Package 1 Width</b>	7.559 in (19.200 cm)
<b>Package 1 Length</b>	8.819 in (22.400 cm)
<b>Package weight(Lbs)</b>	11.023 lb(US) (5.000 kg)
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	4
<b>Package 2 Height</b>	11.811 in (30.000 cm)
<b>Package 2 Width</b>	15.748 in (40.000 cm)
<b>Package 2 Length</b>	23.622 in (60.000 cm)
<b>Package 2 Weight</b>	45.638 lb(US) (20.701 kg)
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	16
<b>Package 3 Height</b>	19.685 in (50.000 cm)
<b>Package 3 Width</b>	31.496 in (80.000 cm)
<b>Package 3 Length</b>	47.244 in (120.000 cm)
<b>Package 3 Weight</b>	207.241 lb(US) (94.003 kg)

## Contractual warranty

<b>Warranty</b>	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 >](#)

 <b>Environmental footprint</b>	
Carbon footprint (kg CO2 eq, Total Life cycle)	866
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

 <b>Materials and Substances</b>	
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
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
SCIP Number	Bbc62998-8aa6-42dc-8088-17a5c936153d
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### Use Again

 <b>Repack and remanufacture</b>	
Circularity Profile	<a href="#">End of Life Information</a>
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.