

Product datasheet

Specifications



switch disconnecter, Interpact INSE80, 80A, 4 poles

28999

Main

Range	ComPact
Product name	INSE80
Switch-disconnector name	Interpact INSE80
Poles description	4P
Network type	AC
Network frequency	50/60 Hz
[Ie] rated operational current	80 A AC 50/60 Hz 600 V
[Uimp] rated impulse withstand voltage	8 kV
[Icm] rated short-circuit making capacity	10 kA protected by any protection device 600 V AC at 50/60 Hz 100 kA protected by circuit breaker NSE100 - 100A 240 V AC at 50/60 Hz 18 kA protected by circuit breaker NSE100 - 100A 600 V AC at 50/60 Hz 50 kA with class T or RK fuses 100 A 600 V AC at 50/60 Hz 65 kA protected by circuit breaker NSE100 - 100A 480 V AC at 50/60 Hz
[Ue] rated operational voltage	600 V AC 50/60 Hz
Suitability for isolation	Yes
Contact position indicator	Yes

Complementary

Control type	Rotary handle
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail Plate
Upside connection	Front
Downside connection	Front
Electrical durability	6000 cycles full load
Height	100 mm
Width	135 mm
Depth	62.5 mm
Product weight	0.9 kg

Environment

Standards	CSA C22.2 No 5.2 UL 489
Product certifications	KEMA ASTA ASEFA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.900 cm
Package 1 Width	13.700 cm
Package 1 Length	15.800 cm
Package 1 Weight	1.124 kg

Contractual warranty

Warranty (in months)	18
----------------------	----



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	92 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	87 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
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
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer




Lifetime extension

Repair	No
--------	----

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