

Product data sheet

Specifications



Communicating motor mechanism (MCH), drawout ComPacT NS630b/NS1600, 277VAC 50/60Hz, MX coil, ready to close contact

LV533841

Main

Product or component type	Motor mechanism with external connector
Device application	Automatic spring charging
Range compatibility	ComPact NS630b...1600 circuit breaker
Control type	Communicating
[Uc] control circuit voltage	277 V AC 50/60 Hz
circuit breaker mounting mode	Drawout
circuit breaker frame rated current	800 A 1000 A 1250 A 1600 A 630 A

Complementary

Control signal type	Impulse Maintained
circuit breaker response time	< 600 ms open < 80 ms closed
Maximum power consumption in VA	500 VA
Provided equipment	Auxiliary contact Voltage release

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	8.0 cm
Package 1 Length	10.5 cm
Package 1 Weight	410.0 g

Contractual warranty

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

List Price displayed is VAT EXCLUSIVE.



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	3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.1 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.9 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
SCIP Number	7c479875-b986-4ae2-a2e9-f5f369faf4e7
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes

Use Longer



Lifetime extension

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

Use Again



Repack and remanufacture

Recyclability potential, in %	73
End of life manual availability	End of Life Information
Take-back	Nej
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins