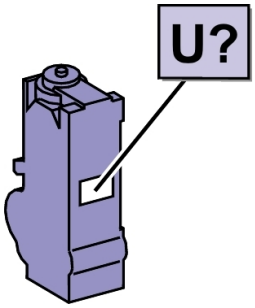
Product datasheet

Specifications



Standard motor mechanism module (MCH), drawout ComPacT NS630b to NS1600, 24/30VDC

33830

Main

Device short name	MCH
Product or component type	Motor mechanism
Device application	Automatic spring charging
Range compatibility	ComPacT NS630b...1600 circuit breaker
Control type	Standard
[Uc] control circuit voltage	24...30 V DC
circuit breaker mounting mode	Drawout
circuit breaker frame rated current	1600 A 630 A 1000 A 1250 A 800 A

Complementary

Control signal type	Impulse Maintained
circuit breaker response time	60 ms +/- 10 ms open 60 ms +/- 10 ms closed
Maximum operating frequency	<= 3 cycles per minute
Maximum power consumption in VA	180 VA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.5 cm
Package 1 Width	13.0 cm
Package 1 Length	18.0 cm
Package 1 Weight	2.93 kg

Contractual warranty

Warranty (in months)	18

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	**22 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**
Carbon footprint of the manufacturing phase [A1 to A3]	**14 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.6 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]	**6 kg CO2 eq.**

Use Better

Materials and Packaging

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	**Halogen free plastic parts product**

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	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**