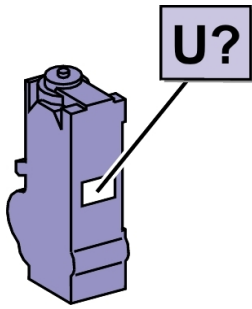


Product datasheet

Specifications



Standard motor mechanism module (MCH), fixed ComPacT NS630b to NS1600, 48/60VDC, 48VAC 50/60Hz

33691

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 | 48 V AC 50/60 Hz 48...60 V DC |
| circuit breaker mounting mode | Fixed |
| circuit breaker frame rated current | 1250 A 1000 A 800 A 1600 A 630 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 | 7.0 cm |
| Package 1 Width | 13.0 cm |
| Package 1 Length | 18.0 cm |
| Package 1 Weight | 1.356 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 | 10 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Carbon footprint of the manufacturing phase [A1 to A3] | 7 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.2 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.3 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] | 3 kg CO2 eq. |

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