

Product datasheet

Specifications



motor-mechanism - MCH - 48 V AC

48522

Main

Device short name	gear motor MCH
Product or component type	Gear motor mechanism MCH
Device application	Automatic spring charging
Range compatibility	MasterPact NW circuit breaker
Control type	Motor mechanism
[Uc] control circuit voltage	48 V AC 50/60 Hz 48...60 V DC
circuit breaker mounting mode	Drawout

Complementary

Maximum charging time	4 s
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	12.6 cm
Package 1 Width	13.0 cm
Package 1 Length	22.9 cm
Package 1 Weight	1.864 kg

Contractual warranty

Warranty (in months)	18
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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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.



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	14 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.4 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]	4 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	8105062d-c949-4aef-a371-66dcfc82357e
REACH Regulation	REACH Declaration
Halogen-free status	Halogen free plastic parts product

Use Longer



Lifetime extension

Repair	No
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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