

Product datasheet

Specifications



motor mechanism MCH 100 to 125 V DC

47890

EAN Code: 3303430478904

Main

Range of product	MasterPact NW
Range	MasterPacT
Device short name	gear motor MCH
Product or component type	Motor mechanism
Device application	Automatic spring charging
Range compatibility	Masterpact MasterPact NW circuit breaker EasyPact EasyPact MVS circuit breaker
[Uc] control circuit voltage	100/125 V DC

Complementary

Control type	Motor mechanism
Maximum charging time	4 s
Maximum operating frequency	<= 3 cycles per minute
Threshold tripping voltage	0.85...1.1 Un
Maximum power consumption in VA	180 W
Accessory / separate part category	Spare parts for MasterPact NW

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.500 cm
Package 1 Width	13.000 cm
Package 1 Length	23.000 cm
Package 1 Weight	1.894 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	11.763 kg

Logistical informations

Country of origin FR

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	14 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 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.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	8105062d-c949-4aef-a371-66dcfc82357e
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
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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