

Product datasheet

Specifications



switch-disconnector Masterpact NW20HADC-C - 2000 A - 900 V - 3 poles - fixed

48687

EAN Code: 3303430486879

Main

Range	MasterPacT
Product name	MasterPact NW DC
Product or component type	Switch disconnector
Device short name	MasterPact NW20HADC-C
Switch-disconnector name	MasterPact NW20HADC-C
Device application	Protection
Poles description	3P
Network type	DC
[Ie] rated operational current	2000 A DC 500/900 V
[Ui] rated insulation voltage	1000 V DC conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	12 kV conforming to IEC 60947-3
[Ue] rated operational voltage	500/900 V DC conforming to IEC 60947-3
Breaking capacity code	HA
Suitability for isolation	Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Pollution degree	4 conforming to IEC 60664-1

Complementary

Control type	Push-button
Mounting mode	Fixed
Operating rate	10 cyc/h maximum
Mechanical durability	10000 cycles without maintenance conforming to IEC 60947-3 20000 cycles with maintenance conforming to IEC 60947-3
Electrical durability	2000 cycles 900 V DC without maintenance conforming to IEC 60947-3 5000 cycles 500 V DC without maintenance conforming to IEC 60947-3
Connection pitch	115 mm
Height	352 mm
Width	537 mm
Depth	427 mm
Product weight	106 kg

Environment

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

Standards	IEC 60947-3
Product certifications	ASTA ASEFA
IP degree of protection	IP30
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-35...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.1 cm
Package 1 Width	0.1 cm
Package 1 Length	0.2 cm
Package 1 Weight	93.734 kg

Contractual warranty

Warranty (in months)	18
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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	888 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	277 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	10 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	495 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	100 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, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards
SCIP Number	A5b47f2e-24bf-47cc-87fb-b0762b13883c
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	69
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