

Product data sheet

Specifications



Back Wiring Mains Switch, S Series, 80A/M200, 50 Hz, 1P, White

PDLS180BW

Main

Range of product	S Series
Product or component type	Switch
Material	PC (polycarbonate)
Colour tint	White
Surface finish	Gloss

Complementary

Installation direction	Vertical
Width	28.4 mm
Height	70 mm
Depth	51 mm
Rated current	80 A
[Ue] rated operational voltage	250 V
Network frequency	50 Hz
Motor M-rating AS3133	M200
Number of poles	1
Mounting mode	Surface mounted
IP degree of protection	IP2X
Cable cross section	25 mm²
Quantity per set	Set of 1
Type of packing	Carton

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3 cm
Package 1 Width	5 cm
Package 1 Length	7 cm
Package 1 Weight	79 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	6.3 cm

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

Package 2 Width	12.3 cm
Package 2 Length	14.7 cm
Package 2 Weight	800 g
Unit Type of Package 3	CAR
Number of Units in Package 3	90
Package 3 Height	18.8 cm
Package 3 Width	17.7 cm
Package 3 Length	41.7 cm
Package 3 Weight	7.2 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	0.7 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 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]	0.2 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
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Halogen free product
PVC free	Yes
Silicone-free	No

Use Again



Repack and remanufacture

End of life manual availability	No need of specific recycling operations
Take-back	No