WESTERWALD FOLIEN

Technical Data Sheet

As of: IV/2026

Powerbox PBd 20

for switchable film · Item no. 18030PB-20-D

Product description

Powerbox (transformer) for switchable film: it supplies the film with precisely matched alternating voltage. The deciding factor for selection is the total area of all films switched together on this one Powerbox; the number of films is irrelevant. If areas are to be switched separately, each group needs its own Powerbox.

Technical data

Model	PBd 20
Maximum film area	2.5 m² (total area of all films on this Powerbox)
Input	12 V DC
Output to the film	alternating voltage (AC), matched to the film
Function	On/Off/Dim
Switching	light switch, wireless remote control, smart home via smart plug
Remote control	433.92 MHz, range up to approx. 25 m, 12 V type 23A battery (not included)
Operation	fanless and silent, supply line to the film up to approx. 30 m
Marking	CE

Which Powerbox is right?

Powerbox	Item no.	Max. film area	Input	Function
PB 15	18030PB.T15	1.5 m²	230 V AC	On/Off
PB 30	18030PB.T30	3.0 m²	230 V AC	On/Off
PB 50	18030PB.T50	5.0 m²	230 V AC	On/Off
PB 100	18030PB.T100	15.0 m²	230 V AC	On/Off
PB 200	18030PB.T200	25.0 m²	230 V AC	On/Off
PB 300	18030PB.T300	35.0 m²	230 V AC	On/Off
PBd 20 (this model)	18030PB-20-D	2.5 m²	12 V DC	On/Off/Dim
PBd 100	18030PB-6D	15.0 m²	230 V AC	On/Off/Dim
PB 12 V DC	18030PB-12	2.5 m²	12 V DC	On/Off

⚠ **Work on the 230 V mains,** e.g. connection to a light switch, must be carried out by a qualified electrician. The 230 V supply line to the Powerbox must be at least 1.5 mm². Polarity at the film does not need to be observed.

Examples and connection (German): www.westerwald-folien.de/schaltbare-folie-technische-infos

Questions about the Powerbox or its connection?

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info(at)westerwald-folien.de · Product in our online shop (German): scan QR code