WESTERWALD FOLIEN

Technical Data Sheet

As of: IV/2026

Powerbox PB 50

for switchable film · Item no. 18030PB.T50

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	PB 50
Power	50 W
Maximum film area	5.0 m² (total area of all films on this Powerbox)
Input	230 V AC
Output to the film	alternating voltage (AC), matched to the film
Function	On/Off
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

Scope of delivery

Powerbox · Wireless remote control with wall bracket (battery not included) · Input cable (230 V) · Output cable to the film · Cable for wall switch (on/off)

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 (this model)	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	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?

Phone +49 2624 185 97 61 · Mon–Thu 9 am–3 pm, Fri 9 am–1 pm (German time)
info(at)westerwald-folien.de · Product in our online shop (German): scan QR code