



H Series Smart Film transformer can realize the film from clear to opaque by Switch control, wireless remote control, reliable switch output, long switch life, with over-voltage protection, overload protection, overcurrent protection, can be used in high different field. H Series transformer is small size, light weight, easy installation, greatly improve the intelligent level of smart glass controller.

Technical Parameter

Transformer

Item Type		H Series Smart Film transformer
Product or component type		Safety and isolation transformer
Rated power in VA	H 15	15W, 2 Sq.m
	H 30	30W, 4 Sq.m
	H 50	50W, 6 Sq.m
	H 100	100W, 12 Sq.m
Input voltage		230 V AC single phase, terminal(s): N-L1
Output voltage		46VAC/60VAC
Secondary winding		Single
Protective cover		Yes
Ambient air temperature for operation		-20...50 °C

Controller

Type	Wireless Controller
Frequency	433mhz
Battery	1x 12vdc
Function	On/off
Remote control distance	>25m
Size	120 x46x14mm
Weight	80g

Complementary of transformer

Input voltage limits	210...250 V
Network frequency limits	47...63 Hz
Input voltage tolerance	+/-15 V
Efficiency	98%
Material	100% copper
Power dissipation in W	1W,2W
Output sustained overvoltage	4 % (no load, hot state)
Maximum voltage drop at rated load	0.50%
No load losses	0.5W
Output protection type	Against overload, protection technology Against overvoltage, protection technology Against short-circuits, protection technology

Connections – terminals

For input connection: screw type terminals, connection capacity: 2mm² AWG 14

For output connection: screw type terminals, connection capacity: 0.2 mm² AWG 23

Marking

CE

Fixing mode

operating position: horizontal, vertical

Operating altitude

3000m

Electrical insulation class

Class B

Size&Weight

H 15 15W 75*25*125mm(W*D*H mm) 0.35kg

H 30 30W 88*30*150mm(W*D*H mm) 0.8kg

H 50 50W 110*46*179mm(W*D*H mm) 1.2kg

H 100 100W 110*46*179mm(W*D*H mm) 1.6kg

Environment

Product certifications

CE

EMC

Standards

EN 62479

IP degree of protection

IP21

Protective treatment

TC

Ambient air temperature for storage

-40...80 °C

Overvoltage category

Class I conforming to VDE 0106-1

Dielectric strength

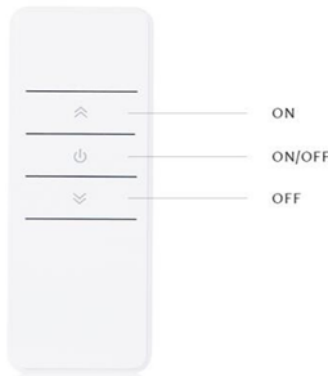
2000 V between winding and ground

Contractual warranty

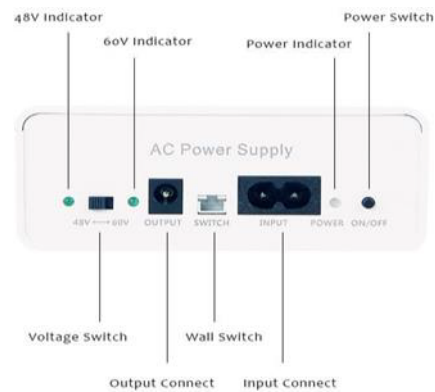
Warranty

18months

Controller



Terminal



Wires Diagram

