

HD2200


**CB SAA CE**  
**SELV IP20**   








## Applications

Ideal for mounting into a standard lighting backbox, this dimmer interface provides smooth dimming via the popular Switch-DIM logic to light fixtures using trailing edge technology

- Office / Commercial Lighting
- Home office / Domestic use

Use for retrofit upgrades & new installations.

## Features

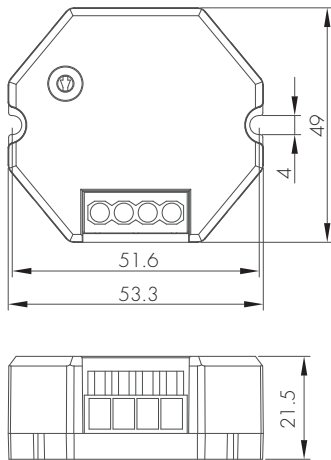
-   Switch-Dim with Synchronization
-  Logarithmic Dimming Curve
-  Minimum Dimming Adjustment
-  Permanent Memory
-  Short Circuit Protection
-  Over-load Protection
-  5 Year, 50,000hr Warranty



## Technical Data

Mains Voltage	230VAC 50/60Hz
Mains Power	200W (resistive) / 150W (capacitive)
Operation Temperature	Ta: -20~+45°C
Dimming Range	5%-100%
Abnormal Protection	Output short-circuit protection with auto-reset.
Over-heat protection	Over-heat protection with auto-reset.
EMC Standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3
Safety Standard	EN60669-1, EN60669-2-1
Certifications	Semko, CB, SAA, CE, EMC
IP Grade	IP20

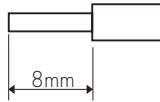
## Dimensions and Terminals



### Wire Preparation

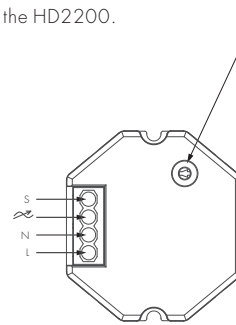


0.75 - 4.0mm  $\square$



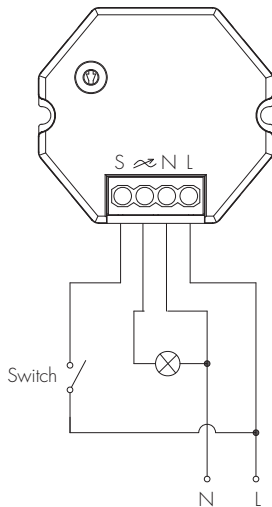
Solid or Stranded wire type.

Compatibility with the lamp control gear may be improved if flickering occurs at the minimum dimming level. Use a screwdriver to adjust the potentiometer to set the minimum dimming level of the HD2200.

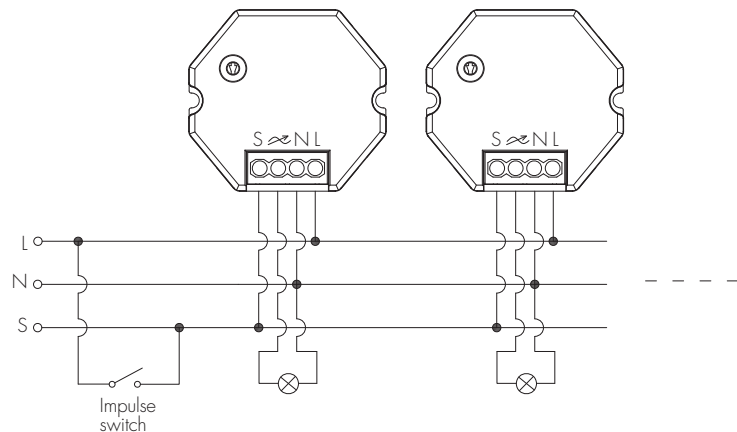


## Wiring Diagram

### Switch-Dim Connection



### Multiple Dimmer Connection



## Switch-Dim

The provided Switch-Dim interface allows a simple dimming method using commercially available non-latching (momentary) wall switches. Up to 50 LED drivers may be connected to one switch.

Switch Action  
Short press (<1 second)  
Long press (>1 second)

Response  
Toggle light on / off  
Toggle dim light / increase brightness

### Synchronization

Switch Action  
Long press (>1 second) + Short press (<1 second)  
Long press (>5 seconds)

Response  
All lights will turn off  
System synchronized