



### Description

The CH-PD4x570 dimmer is compatible with all existing types of loads (resistive/inductive/capacitive). **It automatically recognizes the type of load connected and will adapt its internal settings accordingly.**

The CH-PD4x570 has four independent outputs that can be controlled/dimmed, each rated up to 570VA. When required two channels can be switched/connected together to increase the load capacity to 1140VA.

The internal 16 bit architecture results in very smooth dimming.

The CH-PD4x570 is a Cresnet unit which can be connected to the cresnet network with a standard 4-pin mini-Phoenix connector.

The unit has an override input which allows the setting of all four channels to 100% for testing or emergency purposes. Even without the Cresnet connected it is possible to control the four outputs (independent) with four embedded buttons.

An extra ground connector is available on the unit.

### Technical Specifications:

Dimensions	:	232mm x 90mm ( L x W )
Height from top to DIN-rail	:	incl. Screw terminals 50mm
Weight	:	908 g
Color	:	Black metal cover
Mounting	:	Din Rail
Screw Terminals	:	Phoenix connectors for wires up to 2,5mm <sup>2</sup>
CRESNET ID	:	2 rotary switches
Cresnet power requirements	:	24 VDC
Current Consumption	:	50mA : all outputs 0%
	:	75mA : all outputs 100%
Cresnet power factor	:	2 W
Crestron Device Library	:	CNLSP-4
Ground	:	Screw terminal isolated from CRESNET
Included in box	:	Dimmer incl. 1x 4-pin and 1 x 2-pin mini-phoenix connectors
Voltage	:	230VAC ± 10%
Net frequency	:	50 / 60 Hz
Main Fuse	:	10A Max.
Dimming system (per channel)	:	Trailing edge / Leading edge with transistors
Maximum output (per channel)	:	570W / VA (2,5A) resistive / inductive / capacitive
Minimum output (per channel)	:	5W resistive
Open circuit Voltage (per channel)	:	ca. 55V <sub>rms</sub>
Isolation	:	2500V between Crestron interface and Dimmer
Status Indication	:	4 LED green ( POWER ) , 4 LED green ( Channel activ ) 2 LED yellow ( ID-Select and RUN )

<u>Typical Application</u>	:	Dimming from incandescent lamps / fans Dimming from magnetic and electronic transformers
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### Connection layout:

