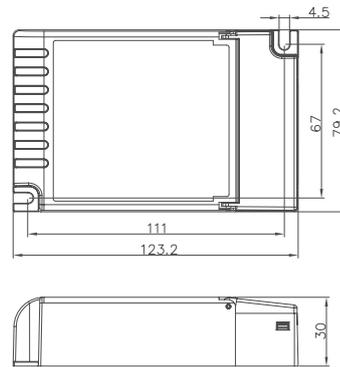
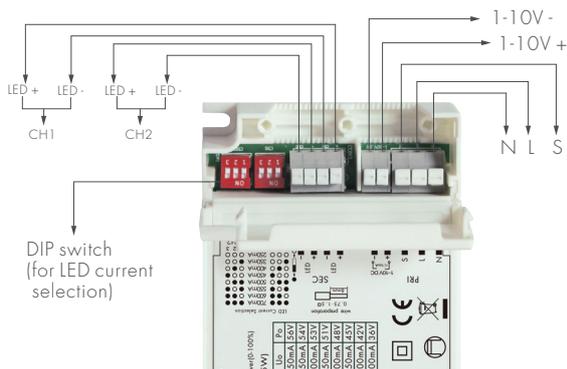


CONSTANT CURRENT

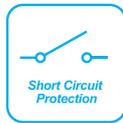
Dimmable LED Driver

1-10V Dimming & Switch-Dim

Model: HE2050-A2 2X25W



1-10V is isolated to mains and the SELV output!!



LED Current Selection

The current can be easily configured by choosing the correct combination of the DIP switches (see table on the right).

- ⚠ Note: 1. Two channels output may load with different current.
2. Please make sure the correct current is selected before starting the driver!



	1	2	3	Current
I	●	●	●	700mA
II	○	●	●	600mA
III	●	○	●	550mA
IV	●	●	○	500mA
V	○	○	●	450mA
VI	○	●	○	400mA
VII	●	○	○	350mA
VIII	○	○	○	250mA

Switch - Dim



- On/off control: short push (<1s) on the switch.
- Stepless dimming: long push (>1s) on the switch.
- For fine tuning of light level: with every other long push, the light level goes to the opposite direction.
- Built-in with permanent memory: light returns to the previous dimming level when switched off and on again, even at power failure.

Synchronization

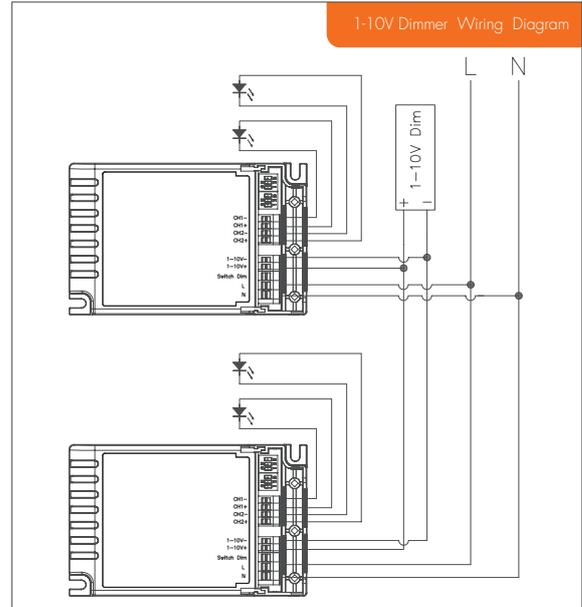
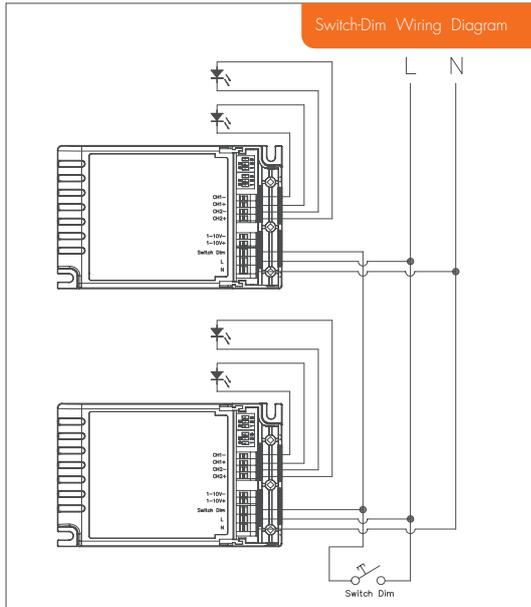
Up to 50pcs drivers can be connected to the same switch, thanks to the programme. This means there is no need for any additional synchrony wire in large installation, where many drivers should be controlled by one switch.

Please follow the steps below to achieve synchronization function if more than one driver are connected to the same push button:

- Press the push button for more than 1s (long push), then a short push (<1s). Now the devices are switched off.
- Long push the button, the system is now synchronized.

Permanent memory

This driver has built-in permanent memory against power failure, the light always start up at the previous level when they were switched off last time.



⚠ Note: 1. This "1-10V" output is isolated, SELV output.

2. "Switch-Dim" is prior to "1-10V". To shift dimming from "Switch-Dim" to "1-10V", the end-user should short-circuit "1-10V" first for at least 3s.

Specification	
Mains voltage	220~240VAC 50/60Hz
Mains current	260mA~242mA
Mains power	58W
Output voltage(U-out max.)	75VDC
Power factor	≥0.9
Operation temperature	Ta: -20~+45℃ Tc: 80℃
Output current / voltage	250mA (6VDC~56VDC) 350mA (6VDC~54VDC) 400mA (6VDC~53VDC) 450mA (6VDC~51VDC) 500mA (6VDC~48VDC) 550mA (6VDC~45VDC) 600mA (6VDC~42VDC) 700mA (6VDC~36VDC)
Max. Efficiency	≥87%
Abnormal protection	Output short-circuit protection with auto-reset.
Over-heat protection	Over-heat protection with auto-reset.
EMC standard	EN55015, EN61547
Safety standard	EN61347-1, EN61347-2-13
Certification	SEMKO, CE, EMC, SAA
Dielectric strength	Input→output: 3750VAC Input→1-10V: 1500VAC Output→1-10V: 3750VAC with 5mA/1min
IP grade	IP20