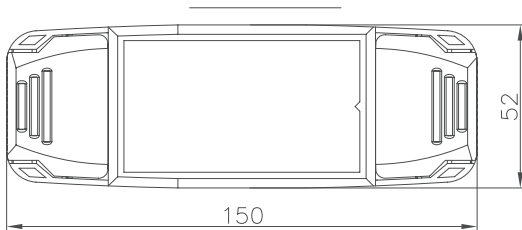
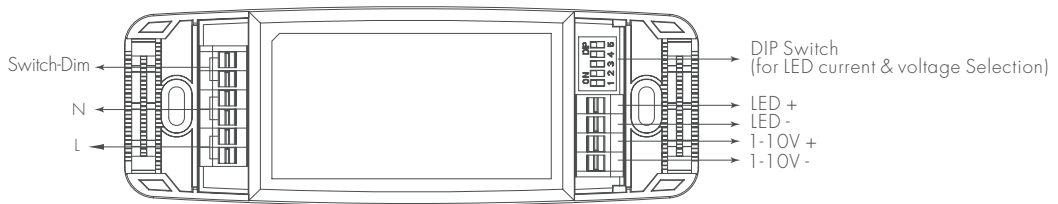
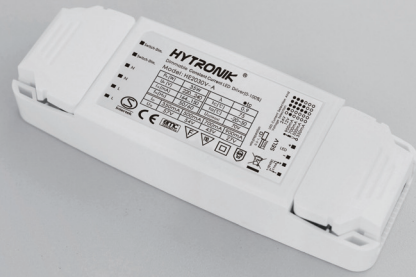


CONSTANT CURRENT & VOLTAGE

Dimmable LED Driver

1-10V Dimming & Switch-Dim

Model: HE2030V-A



Switch-Dim.	PFC >0.9	>85% Efficiency	Short Circuit Protection	Loop in / Loop out	Synchrony	Permanent Memory
0-100% Dimming Range	1...10V dimming	Multiple Current	Over-heat Protection	Over-load Protection	Linear Dimming Curve	CONSTANT CURRENT & CONSTANT VOLTAGE

LED Current & Voltage Selection

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



	1	2	3	4	5	mA/V
I	○	●	●	●	●	24V
II	●	○	●	●	●	12V
III	○	○	●	●	●	900mA
IV	○	○	●	●	○	700mA
V	○	○	●	○	○	500mA
VI	○	○	○	○	○	350mA

Loop-in, loop-out

Thanks to double terminals on the primary side, it is easy to connect many drivers in series, just simply take the L, N and switch-Dim. from the previous driver to the next driver. Saves a lot of wires and work.

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

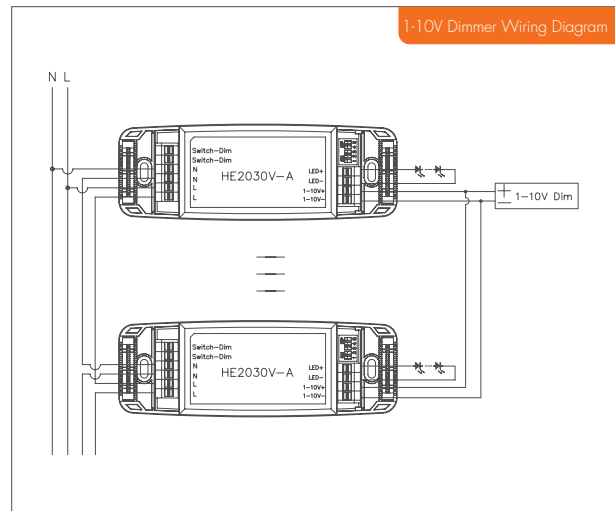
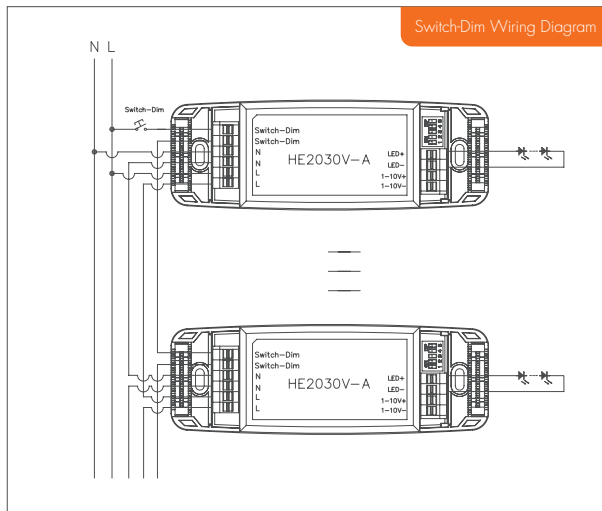
Up to 50pcs drivers can be connected to the same switch, thanks to the programme. This means there is no need for any additional synchrony wire in large installation, where many drivers should be controlled by one switch.

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, which means the light always starts up at the previous level when it was switched off last time.



Warning: Please make sure the correct current or voltage is selected before starting the driver!

Specification		
Mains voltage	220~240VAC 50/60Hz	
Mains current	0.164A	
Mains power	35W	
Output voltage(U-out Max.)	70VDC	
Power factor	≥0.9	
Operation temperature	Ta: -20~+50°C Tc: 75°C	
Output current/voltage	350mA (6VDC~57VDC) 700mA (6VDC~43VDC)	500mA (6VDC~54VDC) 900mA (6VDC~27VDC)
Output voltage/power	12V-Max.10.8W; 24V-Max.21W	
Max. Efficiency	85%	
Abnormal protection	Output short-circuit protection with auto-reset	
Over-heat protection	Over-heat protection with auto-reset	
Dielectric strength	Input→Output 3750VAC/5mA/1min	
IP grade	IP20	
EMC standard	EN55015, EN61547	
Safety standard	EN61347-1, EN61347-2-13	
Certification	Semko, CE, EMC	