

4-Channel Digital LED Light Controller, 24 V 120 W, with Strobe Trigger

LS-HDPS24120C-4T series · Light controllers · 1 model

Four-channel constant-voltage LED light controller for machine-vision lighting. 256-step PWM dimming per channel, constant / on-off / strobe modes and opto-isolated trigger inputs synchronize each light with the camera. Set levels from the front panel or from the PC or PLC over serial.

Features

- 4 independent 24 V outputs, 120 W total
- 256-step PWM dimming per channel
- Strobe and on/off trigger inputs for camera sync
- Front-panel keys plus serial control; DIN-rail or screw mount



Common specifications

Channels	4
Output	24 V DC, 120 W total (3 A max per channel, 5 A total)
Input	AC 100–240 V, 50/60 Hz
Dimming	Constant voltage, 256-step PWM
Modes	Constant, on/off, strobe
Trigger input	DC 12–24 V, opto-isolated
Control interface	Front-panel keys, RS232; Ethernet on some builds (confirm at order)
Output connector	SMP-03V-BC (pin 1 +, pin 3 -)
Size	Approx. 116 x 114 x 165 mm
Mounting	35 mm DIN rail or screws
Operating environment	0–40 C, 20–85% RH, forced cooling
Net weight	720 g

Models

Model
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