



Date: _____ Type: _____

Firm Name: _____

Project: _____

Power Over Ethernet Injector

Single-port PoE adapter

Designed for use with Philips Color Kinetics controllers that require Power over Ethernet (PoE) when a PoE-compliant Ethernet switch is not available, this compact PoE injector features simple data and power connections. Each PoE injector can supply power and data to one PoE-compliant device, such as Ethernet Controller Keypad or ColorDial Pro.

- Power over Ethernet increases flexibility — The IEEE 802.3af standard for Power over Ethernet (PoE) enables both electrical power and data to be transmitted over a single twisted-pair cable. Shared cabling reduces installation costs, decreases the space required for wires, and affords freedom of placement by eliminating wiring to a power source.
- Simple installation — Connects to AC power with a standard IEC plug. Installs inline with standard CAT 5e Ethernet cables.
- For use in virtually any environment — Universal AC input voltage rating of 100 – 240 VAC and major safety approvals including cUL / UL, CE, and FCC make the injector usable around the world.
- Compact and easy to use — Case size is just 5.5 in (140 mm) x 2.6 in (65 mm). Provides total output power of 15.4 W. Diagnostic and indicator LEDs display ON and fault states for easy troubleshooting.



Power Over Ethernet Switch

8-port 10 / 100 desktop Ethernet switch with 4 PoE ports

This compact, 8-port desktop Ethernet switch provides four PoE ports for use with PoE-compliant controllers from Philips Color Kinetics, such as Ethernet Controller Keypad and ColorDial Pro. With plug-and-play operation, you can easily connect PoE-enabled devices using standard CAT 5e Ethernet cables.

- No additional hardware required — Native support for the IEEE 802.3af standard for Power over Ethernet sends power and data to PoE devices over a single cable. No additional wiring, power sources, or adapters are required.
- Simple setup — This 8-port desktop switch requires no configuration.
- Provides up to 56 watts of PoE power — With 56 total watts of power from four PoE ports, the switch delivers nearly double the wattage provided by the closest competing desktop switch.
- 4 PoE ports, 4 non-PoE ports — Connect both PoE and non-PoE devices to your network using a single switch.

Specifications | Power Over Ethernet Injector

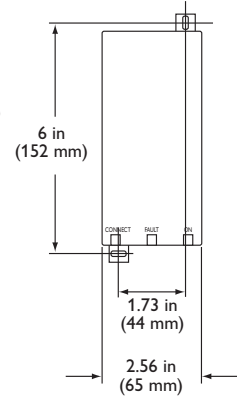
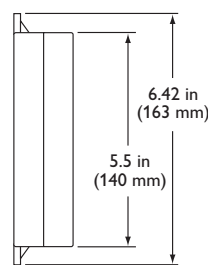
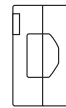
Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	Details
Control	Ethernet	IEEE 802.3af-compliant
Electrical	Input Voltage	100 – 240 VAC
	Total Output Power	15.4 W
Physical	Dimensions (Height x Width x Depth)	1.4 x 2.6 x 5.5 in (36 x 65 x 140 mm)
	Weight	0.44 lb (.2 kg)
	Housing	Black plastic
	Connectors / Cables	RJ-45 / CAT 5e
	Temperature Ranges	32° – 104° F (0° – 40° C) Operating -13° – 149° F (-25° – 65° C) Storage
Certification and Safety	Humidity	5 – 90%
	Certification	cUL / UL, FCC Class B, CE, CCC, C-Tick, S-Jet, TUV, SAA
	Environment	Indoor rated, IP20



Included in the box | PoE Injector

Power Over Ethernet Injector
Power cord



Specifications | Power Over Ethernet Switch

Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	Details
Control	Ethernet	IEEE: 802.3 Ethernet, 802.3u, 802.3x Flow Control, 802.3af (Power over Data Pairs)
	Interface Options	10BASE-T, 100BASE-TX
Electrical	Input Voltage	100 – 240 VAC
	Power Consumption	69 W maximum
	Output Power	15.4 W maximum per PoE port
Physical	Dimensions (Height x Width x Depth)	1.1 x 6.7 x 3.9 in (28 x 170 x 99 mm)
	Weight	1 lb (.45 kg)
	Housing	Black aluminum
	Connectors / Cables	RJ-45 / CAT 5e
	Temperature Ranges	32° – 104° F (0° – 40° C) Operating 14° – 158° F (-10° – 70° C) Storage
Certification and Safety	Humidity	5 – 90%, non-condensing
	Certification	FCC Class B, CE
	Environment	Indoor rated, IP20



Included in the box | PoE Switch

8-port desktop switch with 4 PoE ports
Power adapter
CD-ROM with product documentation

Ordering Information

Item		Item Number	Philips 12NC
Power over Ethernet Injector	North America Power Cord	109-000029-00	910503700383
	Europe Power Cord	109-000029-01	910503700384
Power Over Ethernet Switch		120-000084-00	910503700789

Use Item Number when ordering in North America.



Philips Color Kinetics
3 Burlington Woods Drive
Burlington, Massachusetts 01803 USA
Tel 888.385.5742
Tel 617.423.9999
Fax 617.423.9998
www.philipscolorkinetics.com

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