

OVERVIEW

XPoint Modules provide all the features of a networked relay or (0-10V) dimmer without the panel. Installed directly onto any standard ballast, XPoint Modules can control individual fixtures, a string of fixtures, a 30A circuit and everything in between delivering precise control exactly where it is needed. Ideal for both new construction and retrofits, XPoint Modules fit into any standard ½" Knockout (KO) or junction box (JBox).

Up to 128 XPoint Modules can be daisy-chained together from a single XPoint Router using Cat. 5 patch cables with RJ45 connectors.

Using software, relays can be selected as Normally Closed (NC), Normally Open (NO), or "latching" (no change on power failure).

Available as either a relay or dimming modules, XPoint Modules can be assigned to zones allowing each zone to be programmed as required. Re-programming is as simple as remotely accessing the LC&D GR 2400 system.

- XPoint DH Modules may be assigned to any one of up to 96 relay zones and XPoint Dim Modules can be assigned to any one of up to 16 dimming zones, allowing each zone to be programmed as required. Re-programming is as simple as remotely accessing the LC&D GR 2400 system.

Note: XPoint Modules may only be plugged into an XPoint Router bus port.

FEATURES

- Ability to fit into any standard ½" KO in any fixture or J-Box
- Field installation or shipped directly to fixture manufacturer for factory installation
- Software programmable default state at loss of bus power or loss of communication with router box as NO, NC or Latched
- XPoint DH Module and Dim Module feature photosensor and occupancy sensor inputs (must use specified occupant sensor – each sensor reduces Modules on the bus by three)
- XPoint Dim Module features ability to be used with any (0-10V) DC controllable load

Warranty

Three-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

AcuityControls™

XPoint™ Wireless

**GR 2400™
XPoint™ Module**



ORDERING INFORMATION

Series	Relay Type, Input/Output Options		QuickK Connector
XP XPoint Module	RL1	Single relay	[blank] Standard wire leads
	RL2	Dual relay	QK Quick Connector (6 amp max)
	RL1 DPI	Single relay, dimming output, sensor inputs	
	RL1 DPI BUSP	Single relay, dimming output, sensor inputs, bus powered dimming	
	RL1 PI	Single relay, sensor inputs	
	DPI	Dimming output, sensor inputs	
	RL480V QK	Double pole, 480VAC with quick connector	
	RL1 PD2	Single relay, 2-wire dimming ballasts	
	RL1 PD3	Single relay, 3-wire dimming ballasts	

OVERVIEW

Relay Option	Relay Load Size	Relay Description	Voltage	0-10V Dimming	Photocell Input	Dry Contact Input	Router Card	QK	Special notes
RL1	30A	One single pole	120/277/347 ¹	No	No	No	RZX or DZX	Optional*	
RL2	30A	Two single pole	120/277/347 ¹	No	No	No	RZX or DZX	Optional*	Two independent relays (Not for 2-pole applications).
RL1 480V	6A	One double pole	208/480	No	No	No	RZX or DZX	Required	Only available with quick connect
RL1 DPI	30A	One single pole	120/277	Yes	Yes	Yes	DZX	Optional*	Optically isolated 0–10VDC dimming output. 10mA drive for ballasts (can drive multiple 0–10V ballasts). Active drive (source and sink) defaults to +10VDC on loss of bus power or control signal.
RL1 DPI 347V	30A	One single pole	120/277/347 ¹	Yes	Yes	Yes	DZX	Optional*	Optically isolated 0–10VDC dimming output. 10mA drive for ballasts (can drive multiple 0–10V ballasts). Active drive (source and sink) defaults to +10VDC on loss of bus power or control signal.
RL1 DPI BUSP	30A	One single pole	120/277/347 ¹	Yes	Yes	Yes	DZX	Optional*	Bus-Powered 0–10VDC. Each Module counts for 3 on the bus. (Only 21 allowed per bus.) May be used for Canadian 347V or other voltages, or when a neutral is not available to power the dim module. Optically isolated 0–10VDC dimming output. 5mA drive for ballasts (can drive multiple 0–10V ballasts). Active drive (source and sink) defaults to +10VDC on loss of bus power or control signal.
RL1 PI	30A	One single pole	120/277/347 ¹	No	Yes	Yes	DZX	Optional*	
DPI	N/A	No relay	N/A	Yes	Yes	Yes	DZX	Optional*	Optically isolated 0–10VDC dimming output. 10mA drive for ballasts (can drive multiple 0–10V ballasts). Active drive (source and sink) defaults to +10VDC on loss of bus power or control signal.

*QK option reduces Relay MAX Load size to 6A

¹347V option reduces Relay MAX Load size to 20A

NOTE: XPoint Routers may only be used on a bus with a 2400 DTC.

SPECIFICATIONS

Dimensions: 2.53" w x 3.38" h x 1.83" d
 Contact rating: 30A @ 277VAC Ballast
 20A @ 120VAC Tungsten
 20A @ 347VAC Ballast
 1.5hp @ 120VAC
 3hp @ 277VAC
 # Operations: 250,000 cycles
 Power consumption: Less than 2mA @ 24VDC per XPoint (for XPoint 1 and XPoint 2). XDim has additional universal 120/277VAC power supply to power 0–10VDC drive
 Max. humidity: 10–90% non-condensing
 Ambient temperature: 32–122° F (0–50° C)
 Listings: UL and cUL listed to UL 916, UL 924, CSA C22.2#205