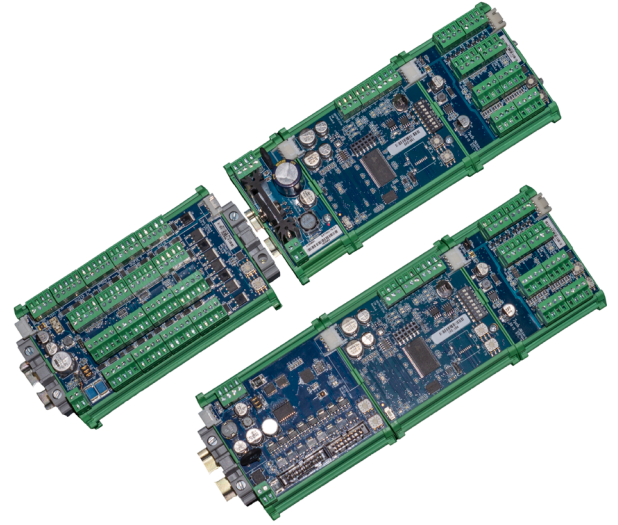


Project	Part Number	Ref.
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Retrofit Kits (RK) utilize our BACnet native Control and I/O Modules to replace multiple manufacturers lighting controls with flexible intelligence to exceed today's demanding application requirements. RK is designed around our universal relay driver modules RD16 and RD32 to leverage the existing infrastructure by retaining the relays, line voltage wire, and conduit to reduce replacement costs.

- Multi Manufacturer Relay Compatibility
- Modules can be combined via pluggable CANbus or remotely located
- Termination Modules and DIN Rail included
- I/O Expansion with Control Kits (CK)



General

See Module Data Sheets for Individual Dimensions and Weights

Device Type Dimensions	Class II Rail Maximum 14.50" x 3.50" x 3.00"	Mounting Weight	DIN Rail Configuration Dependent
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Control Module

Control Modules are Optional, See Individual Data Sheets For Communication Options

Code	Modules	DMX	Code	Modules	DMX
03	CM04T	4	23	CM04T-D	4
04	CM08T	8	24	CM08T-D	8
05	CM16T	16	25	CM16T-D	16
06	CM32T	32	26	CM32T-D	32

Capacities

Kits are Configured in Rails of (5) modules Maximum and Grouped by I/O Module Type

I/O Modules	4-32	RD16	16 Relay Drivers, 16 Status Inputs, Each
Zones / Schedules	64	RD32	32 Relay Drivers, Ribbon Cable Output, Requires CM16T, Each
Capacitive Touch Stations (CTS)	64	DU88	8 Digital Outputs 24V/1A, 8 Universal Inputs, Each
		AO08	8 Analog Outputs, Each
		AU48	4 Analog Outputs, 8 Universal Inputs, Each
		UI16	16 Universal Inputs, Each

Power

Termination Modules (TM01) Quantity is Determined by Total Rail/Module Requirements

Input	24VAC/24VA	Output	24VDC, 1000mA
RD32 Module utilizes self-contained power supply			
Input	24VAC/24VA	Output	24VDC, 500mA

Compatibility

Blue Ridge Technologies	M and Aperio Platforms	Kele AutoPhos	Panels and Retrofit Kits
Douglas	WR-6221, 6161, 6172, 6321	Lithonia	RR7, RR9
General Electric	RR7, RR8, RR9	Lumisys	Panels and Retrofit Kits
Horton Controls	RR7, RR9	Triatek	L2600, L2500, RR9, Retrofit Kits
ILC	2R7, 2R9, 2PC	Watt Stopper	RR7, RR9, HDR5P

Special Options

Contact Factory for Custom Requirements

Environmental

Ambient Temperature	0 - 130 °F	Plenum Rated	Yes, if installed in UL Listed Enclosure
Relative Humidity (non-condensing)	10 - 90%		

Certifications and Listings

UL/CL BTL	UL916, UL508A Listed	Seismic	2012 ICC-ES AC156, Importance Factor 1.5
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Ordering Information

R K 1 0 0 - 0 -

A B C D E F G

Control Module		
A	MSTP	03 - 06
	DMX	23 - 26
Termination Module		
B	Integral	0 (RD32)
	TM01	1 - 4
I/O Modules (Max Total: 8)		
C	RD16	0 - 4
	RD32	A = 1, B = 2
D	DU88	0 - 4
E	AO08	0 - 4
F	AU48	0 - 4
G	UI16	0 - 4