BLUE RIDGE TECHNOLOGIES™
UNIFIED LIGHTING CONTROL

Ⓜ Retrofit Interior - RI

Project	Part Number	Ref.

Retrofit Interiors (RI) utilize our native BACnet Ⓜ platform, modular electronics suite, and DIN rail-based packaging on a single back plate to replace existing relay panel electronics and relays. RI retains the original line voltage wire, conduit, and enclosure reducing labor as well as material cost. RI is compatible with most low voltage switches, occupancy sensors, and light level sensors.
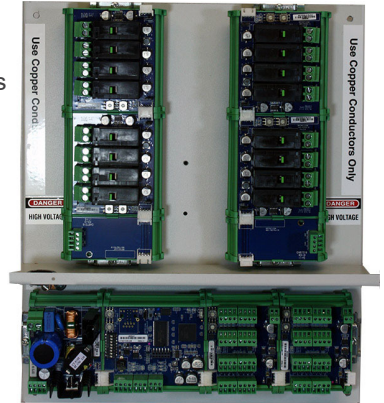
General

	Dimensions		
C	10.750 x 12.00 x 3.75	Construction:	Type-1 Indoor-Dry, 18ga With Powder Coat Finish
D	14.250 x 12.00 x 3.75	Weight:	Configuration Dependent
E	17.750 x 12.00 x 3.75		
F	21.250 x 12.00 x 3.75		
G	28.250 x 12.00 x 3.75		

Control Module

CP Includes (1) Control Module, See Individual Data Sheets For Communication Options

Code	Model	I/O	DMX	Code	Model	I/O	DMX
00	CANbus	-	-				
03	CM04T	4	0	23	CM04T-D	4	32
04	CM08T	8	0	24	CM08T-D	8	64
05	CM16T	16	0	25	CM16T-D	16	128
06	CM32T	32	0	26	CM32T-D	32	512

Capacities

Size C Includes (2) DIN Rails, Size D - G Includes (3) DIN Rails With Barriers For Voltage And Class Separation.

I/O Modules	8-32	Size	Class-I Slots	Class-II Slots
Zones / Schedules / Channels	64	C	2	2
Capacitive Touch Stations (CTS)	64	D	4	2
		E	6	2
		F	8	2
		G	12	2

Power

RI Includes (1) TM03 Module or Integral Power Supply

31	120/277 VAC, 2.5A	Output	24 VDC 2500 mA

Compatibility

Class-I Modules, 3.5" Slot Size		Max	Class-II Modules, 2.5" Slot Size	Max
TM03		1	TM02	2
TS02		8	DU88	2
RO04		12	AO08	2
RE04	* Includes Voltage Divider	12	AU48	2
Contactor	* 4-Pole 30A UL508A Option	8	UI16	2

Special Options

Code	
D	Dead Fronts Class-I Section

Environmental

Ambient Temperature	0 - 130 °F
Relative Humidity (non-condensing)	5 - 95%
Plennum Rated	Yes

Certifications and Listings

UL/CL	UL 916, UL 924, 508A	Seismic	2012 ICC-ES AC156, Importance Factor 1.5
BTL	Listed		

Warranty

Five (5) Years From Date of Shipment

Ordering Information

R I ☐☐ 3 1 ☐☐ - 0 ☐☐☐☐ - 0 ☐☐☐☐
　　A　　　　B　C　　D　E　F　G　　H　I　J　K

Selections

A	Control Module	
	CANbus	00
	MSTP	03 - 06
	DMX	23 - 26

B C	Options	
	Packaging	C - G
	Specials	D

	Class I Modules	(12-Modules Total Max)
D	TS02	0 - 8
E	RO04	0 - 12
F	RE04	0 - 12
G	Contactors	0 - 8

	Class II Modules	(2-Modules Total Max)
H	DU88	0 - 2
I	AO08	0 - 2
J	AU48	0 - 2
K	UI16	0 - 2