RIB Lighting Controls

Functional Devices, Inc.
101 Commerce Drive
Sharpsville, IN 46068
Confidence & Peace of Mind in Every Box™

Office: (765) 883-5538
Toll Free: (800) 888-5538
www.functionaldevices.com
sales@functionaldevices.com

10 YEAR WARRANTY

LIGHTING CONTACTOR CABINETS

LCC SERIES

Prepackaged Lighting Contactor Cabinet available in 4, 8, and 12 pole configurations, equipped with an astronomical scheduling time clock, HOA switch, dry contact input, photocell sensor, and a NEMA 3R enclosure.

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FEATURES

- 4, 8, and 12 pole contactor options
- 7-Day / 365-Day Astronomical Time Clock
- Hand-Off-Auto (HOA) Switch
- Exterior Photocell Sensor
- Dry Contact Input
- Built-in 2-Hour Override
- USB Backup & Restore Capability
- NEMA 3R Enclosure
- 10-Year Warranty

TYPICAL APPLICATIONS

- Commercial Buildings
- Schools
- Parking Lots
- Warehouses
- Healthcare Facilities
- Exterior Site Lighting

SEE PAGE 2 FOR MORE DETAILS

SELECTION GUIDE

Model #	Contactors	Contactor Poles	Status Relays	Contactor Contact Ratings	Weight
LCC-4 	One 4PST	4	One DPST-NO	40 Amp @ 240-600 Vac Resistive 16 Amp @ 120-277 Vac Electronic Ballast 32 Amp FLA @ 240-600 VAC 5 HP @ 240/277 Vac Single-Phase 10 HP @ 240/277 Vac 3-Phase 180 LRA @ 240/277 Vac 15 HP @ 480 Vac 3-Phase 150 LRA @ 480 Vac 20 HP @ 600 Vac 3-Phase 120 LRA @ 600 Vac	18.90 lbs.
LCC-8 	Two 4PST	8	Two DPST-NO	40 Amp @ 240-600 Vac Resistive 16 Amp @ 120-277 Vac Electronic Ballast 32 Amp FLA @ 240-600 VAC 5 HP @ 240/277 Vac Single-Phase 10 HP @ 240/277 Vac 3-Phase 180 LRA @ 240/277 Vac 15 HP @ 480 Vac 3-Phase 150 LRA @ 480 Vac 20 HP @ 600 Vac 3-Phase 120 LRA @ 600 Vac	20.65 lbs.
LCC-12 	Three 4PST	12	Two DPST-NO	32 Amp @ 240-600 Vac Resistive 16 Amp @ 120-277 Vac Electronic Ballast 32 Amp FLA @ 240-600 VAC 5 HP @ 240/277 Vac Single-Phase 10 HP @ 240/277 Vac 3-Phase 180 LRA @ 240/277 Vac 15 HP @ 480 Vac 3-Phase 150 LRA @ 480 Vac 20 HP @ 600 Vac 3-Phase 120 LRA @ 600 Vac	21.85 lbs.

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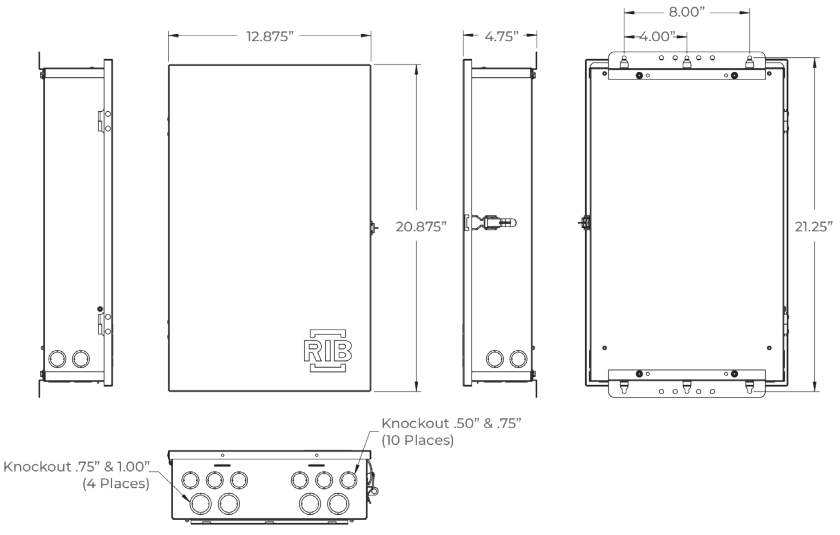
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SPECIFICATIONS

Operating Temperature	-40°F to 104°F (-40°C to 40°C)
Environment	Indoor/Outdoor
Dimensions	20.875" H x 12.875" W x 4.75" D
Origin	Mexico
Enclosure	NEMA 3R, Metal, Lockable
Approvals	UL Listed, UL916, C-UL
Terminals	Torque to 15.6 lbf-in (1.76 Nm)
Wire	Control Side: #14 - #10 AWG, Load Side: #14 - #4 AWG
HOA Switch	Yes
Photocontrol	EK4236S (inlcuded)
Clock Backup	100-hour Supercapacitor
Recharge Date	1.5 Hours Max.
Minimum ON or OFF Time	1 Minute
Maximum ON or OFF Time	Indefinite
Power Input	120 Vac, 60 Hz
Power Consumption	7 W Max.
Contact Ratings (Status Relay)	10 Amp @ 120/277 Vac General Purpose

OVERRIDE SWITCH RATINGS

		Current	
Model #	**Voltage**	**Zone 1 - Contactor Poles 1-4**	**Zone 2 - Contactor Poles 5-8 (LCC-8) Zone 2 - Contactor Poles 5-12 (LCC-12)**
LCC-4	120 Vac	Max Inrush Current (90VA): 0.75A Max Sealed Current (14VA): 0.117A	N/A
LCC-8	120 Vac	Max Inrush Current (90VA): 0.75A Max Sealed Current (14VA): 0.117A	Max Inrush Current (90VA): 0.75A Max Sealed Current (14VA): 0.117A
LCC-12	120 Vac	Max Inrush Current (90VA): 0.75A Max Sealed Current (14VA): 0.117A	Max Inrush Current (180VA): 1.5A Max Sealed Current (28VA): 0.234A



NOTES

- Time switch supports up to 48 fixed ON and 48 fixed OFF events and 1 Astro ON and 1 Astro OFF event per circuit.
- Up to 50 Holiday/Exception events
- USB port for backing up or transferring schedules
- Input for override switch