LEVITON®
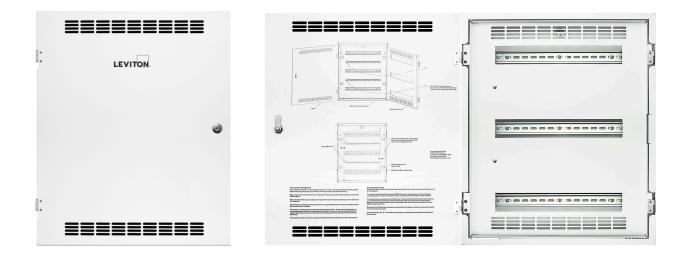
DIN Rail Enclosure—Medium
For Use with GreenMAX® DRC Room Control System and Other DIN Rail Components

DESCRIPTION
DIN Rail Enclosures are agency-listed cabinets designed to accept any equipment installable to ANSI-standard DIN rail. This allows highly flexible installations which can be custom tailored to your specific application without the need for expensive custom cabinetry. The Enclosures consist of a back cabinet with DIN rails and wiring space, a dead front that hides the wiring, and a locking cover. The dead front is specifically engineered to allow separation of powered wiring from the user, allowing the user to see the status of all installed equipment and operating test/bypass switches without being exposed to line voltage wiring and requiring Personal Protective Equipment (PPE). The locking door is provided to secure the panel. Leviton DIN Rail Enclosures are well suited for the GreenMAX® DRC Room Control System and Omni-Bus™ line of DIN rail mount architectural controls, and can be provided either as empty enclosures for field installation of equipment or as factory pre-configured* enclosures with pre-installed modules and/or wiring for easy installation.

DIN rail spacers are used to fill blank spaces between modules to ensure no gaps in the openings of the dead front cover. There are 4 sizes to choose from that can be combined in any configuration, as needed. All spacers are finished to match the medium and large size DINRK series DIN rail cabinets.

*Optionally pre-configured at the factory. Contact Leviton Quotes (EMCAQuotes@leviton.com) for ordering information.
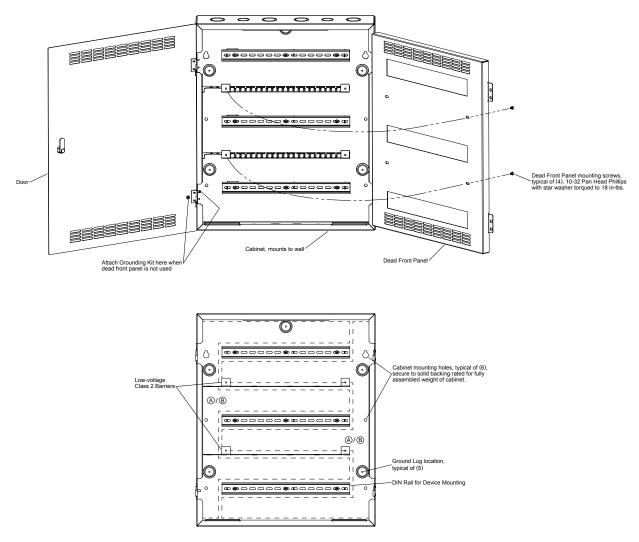
FEATURES
• Available in small, medium and large formats
• Medium contains 3 rails (15"/38cm each)
• Medium is 25"x21"x4" (64cm x 54cm x 11cm)
• Can accommodate GreenMAX DRC components, Omni-Bus modules or any other DIN rail mount load control or other 3rd party control equipment that is ANSI-standard
• Optionally pre-configured for easy installation and ensured compatibility*
• ETL and UL listed to UL and CSA Standards as an Industrial Controls Equipment Enclosure
• CE listed

APPLICATIONS
• GreenMAX DRC Room Control Systems
• Omni-Bus
• Third party ANSI-standard DIN rail installations
• DIN rail meters such as the VerifEye™ Series 4000 and 4100

DIN Rail Enclosure—Medium

PRODUCT DATA

INSTALLATION INSTRUCTIONS

Door

Dead Front Panel mounting screws, typical of (4), 10-32 Pan Head Phillips with star washer torqued to 18 in-lbs.

Attach Grounding Kit here when dead front panel is not used

Cabinet, mounts to wall

Dead Front Panel

Low-voltage Class 2 Barriers

Ⓐ/Ⓑ

Ⓐ/Ⓑ

Cabinet mounting holes, typical of (6), secure to solid backing rated for fully assembled weight of cabinet.

Ground Lug location, typical of (5)

DIN Rail for Device Mounting

Areas marked as "(A)/(B)" are intended to be used as wire-ways. It is recommended that one side be designated for power and lighting wiring plus any other Class 1 wiring. The other side for Class 2, lower voltage wiring.

Organize any devices installed so that the wiring types to these devices can be kept separated per the "(A)/(B)" scheme identified above.

Perforated metal dividers are provided so tie wraps, or other fastening devices, can be used to secure wires and ensure 1/4-inch separation between high and low voltages.

Conduit can access cabinet through the top, bottom, or sides. However, conduit access shall be located so that higher voltage wiring (Class 1 - power and lighting) and lower voltage wiring (Class 2 - control) can be kept separated per the "(A)/(B)" scheme identified above.

Cabinet can be used with or without the dead front panel installed.
- When used with the dead front panel, the dead front panel must be secured with grounding screws provided
- When the dead front panel is properly secured, the front door can be open when power is energized
- When used without the dead front panel, the provided grounding kit (DINRK-GWI) must be installed that provides ground to the front door
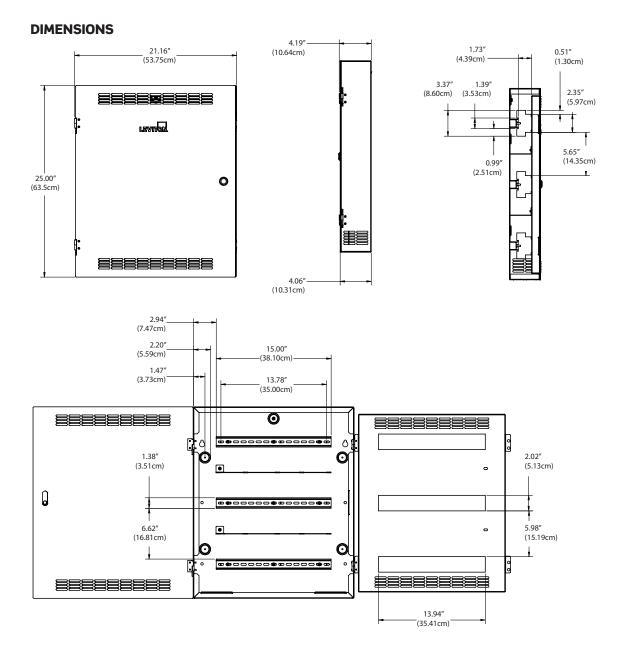
All unused openings in dead front panel must be filled with DINFL-xxx series fillers.

The cabinet must be assembled using only LISTED components. All components shall be installed by a qualified electrical installer in accordance with the instructions of those components and this cabinet.

This cabinet is certified under UL508A as an "Industrial Control Panel Enclosure" before contents are installed. If assembled by a certified contractor, this cabinet must be wired in accordance with both Regional and National electrical codes. Also, additional field inspection of the installed assembly may be required. If cabinet is assembled by a certified UL508A panel shop, the cabinet must be wired in accordance with the UL508A standard and labeled with the appropriate UL508A certification label.

Refer to each LISTED modular instructions and specifications for proper installation into cabinet for cooling, wiring, and other requirements.

DIMENSIONS

DIN Rail Enclosure—Medium

SPECIFICATIONS

ELECTRICAL	
Cabinet Dimensions	25" x 21" x 4" (64cm x 54cm x 11cm)
DIN Rail Quantity	3
DIN Rail Length	13.7" (35cm)
ENVIRONMENTAL	
Operating Temperature	32-122° F (0-50° C)
Storage Temperature	-4-185° F (-20-85° C)
Relative Humidity	0-90% non-condensing
OTHER	
Listings	ETL, cETL, CE, UL and RCM listed IP10 Rated for no water ingress protection
Warranty	5-Year Limited Warranty
Color	White

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
DINRK-A03	DIN Rail Rack Mount Enclosure, Medium, 21" x 25" with (3) 13.7" (35cm) rails
DINFL-S1W	1 DIN unit wide spacer 0.67" in (17mm)
DINFL-S2W	2 DIN units wide spacer 1.34" (34mm)
DINFL-FMW	½ rail width filler for Medium cabinet. Use 2 units to fill an entire rail 6.78" (172mm)
DINFL-FLW	½ rail width filler for Large cabinet. Use 2 units to fill an entire rail 9.54" (242mm)

NOTE: Optionally pre-configured at the factory. Contact Leviton Quotes (EMCAQuotes@leviton.com) for ordering information.

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Visit our Website at: www.leviton.com/emca