

# Lighting Control Enclosures



**The Siemens Industry Gamma Lighting Control Enclosures support Gamma Lighting system components and other panel-mounted devices that snap into DIN rails.**

- Three sizes available to match installation needs.
- Sturdy construction accommodates secure conduit fittings and protects components against incidental contact and falling dirt.
- Multiple knockouts along top, sides and bottom.
- Spacious interior for easy routing and termination of wiring.
- Pre-installed DIN rails (EN607015) for mounting of components. Each DIN rail accommodates 20 MW (Gamma N-system module widths).
- Wire barriers are pre-installed between each set of DIN rails to easily maintain wire separation.
- A Data Rail 190/32 (with integrated connector, 324 mm) (5WG1 190-8AB32), which is sold separately, distributes KNX bus power and communications to 17 module widths (MW) of N-System devices that only have a data rail connector.
- A removable dead front holds a removable/reversible door with documentation pouch.
- UL and cUL Certified NEMA Type 1 Industrial Control Enclosure.



## Type summary

The following table provides ordering information.

Description	Product Number
Gamma Lighting Control 20" (51 cm) Enclosure	LCC-2020-MV
Gamma Lighting Control 28" (71 cm) Enclosure	LCC-2028-MV
Gamma Lighting Control 44" (112 cm) Enclosure	LCC-2044-MV

## Product documentation

Description	Document ID:
Gamma Lighting Control Enclosures Installation Instructions	A6V10425806

## Technical data

<b>Enclosure Type</b>	UL and cUL Certified NEMA Type 1 Industrial Control Enclosure
<b>Door</b>	Removable/reversible door with lock
<b>Agency Certification</b>	UL508 NITW Certified Industrial Control Enclosure CSA – 22.2 No. 14 NITW7 Industrial Control Panel Enclosure certified for Canada
<b>Mounting Surface</b>	Building wall or a secure structure

### Gamma Lighting Enclosure Dimensions.

	LCC-2020-MV	LCC-2028-MV	LCC-2044-MV
Height	20" (51 cm)	28" (71 cm)	44" (112 cm)
Width	20" (51 cm)	20" (51 cm)	20" (51 cm)
Depth	4" (10 cm)	4" (10 cm)	4" (10 cm)
DIN Rails <sup>a, b</sup>	2	3	5

a) Each DIN rail accommodates 20 MW (Gamma N-system module widths). 1 MW = 0.71" (18 mm).

b) The top DIN rail in each enclosure is commonly reserved for low-voltage modules. If no low voltage modules exist in the enclosure, the top DIN rail may be used for line voltage modules.

## Diagrams



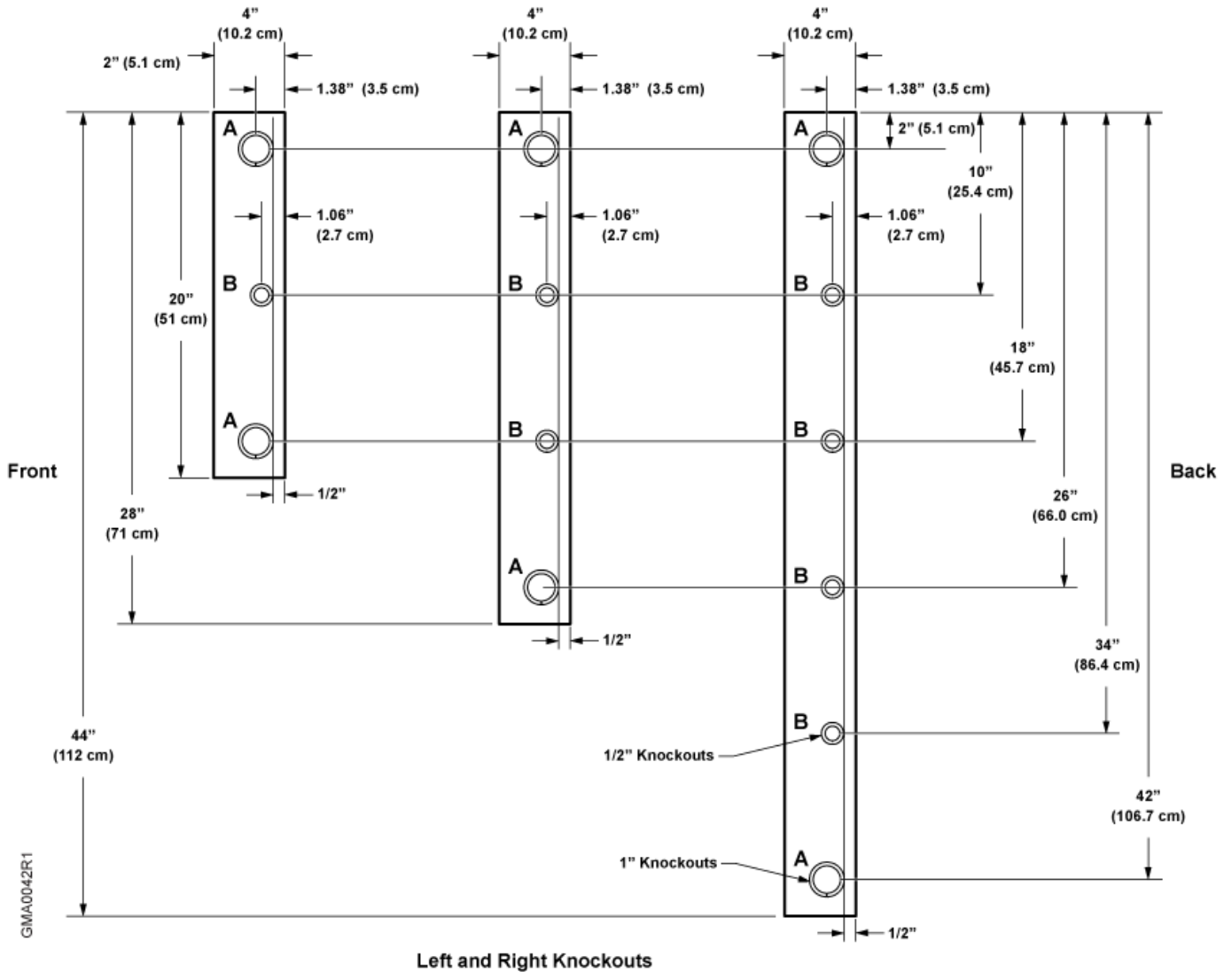
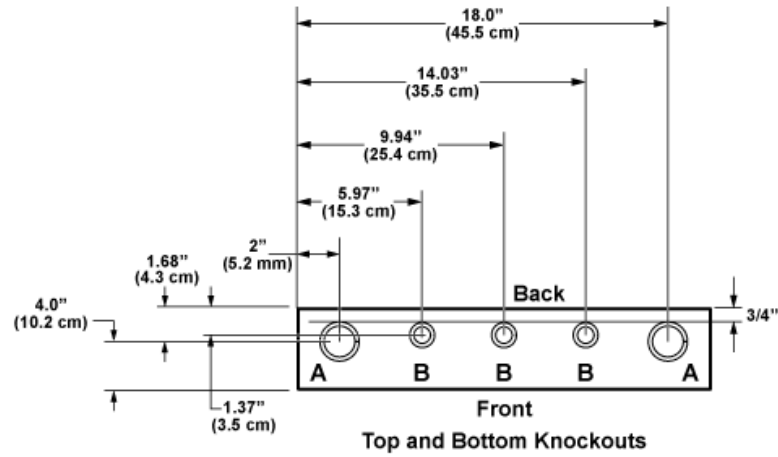
*Enclosure with Removable/Reversible Door.*



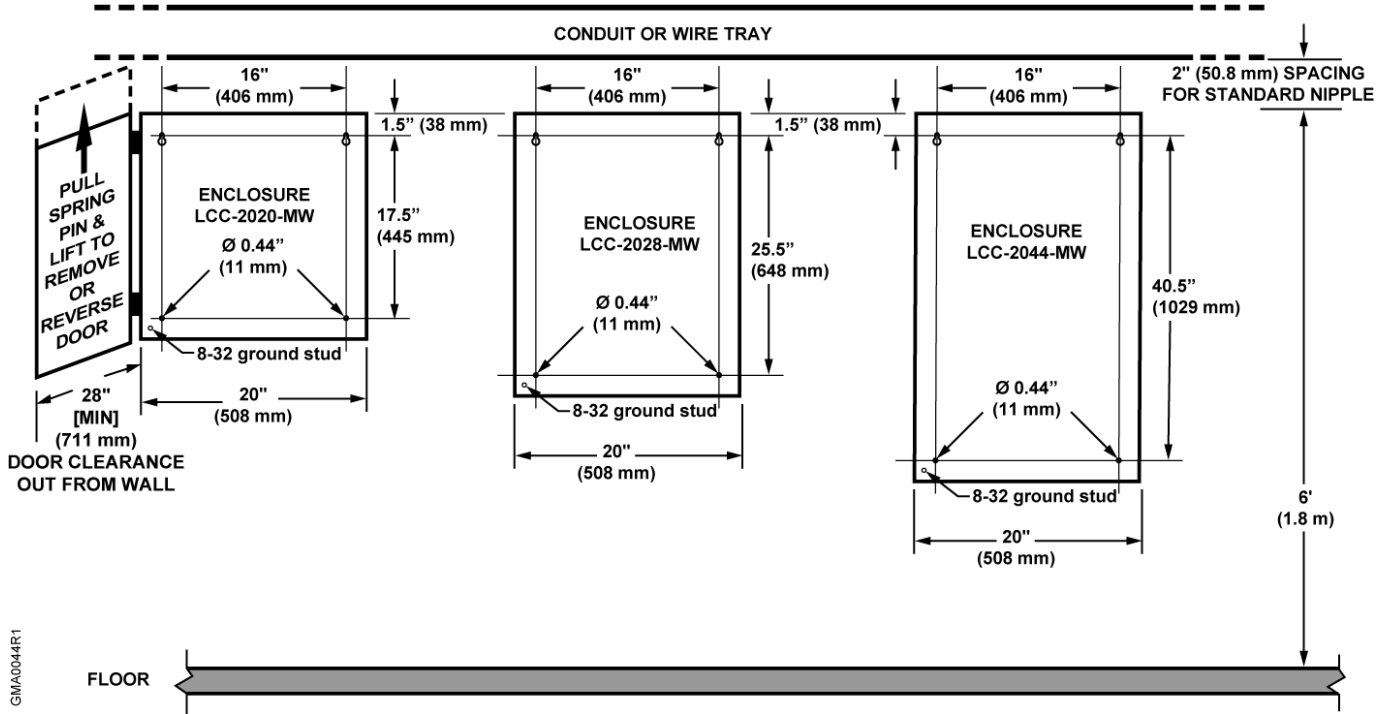
*Enclosure with Dead Front and Door Removed.*

# Dimensions

A = 1" and 1-1/4" Knockouts  
 B = 1/2" and 3/4" Knockouts



Enclosure Dimensions and Knockout Locations.



Enclosure Placement Dimensions.

Specification Submittal	
Job Name:	Job Number:
Catalog Numbers:	
Notes:	

Issued by  
Siemens Industry, Inc.  
Building Technologies Division  
1000 Deerfield Pkwy  
Buffalo Grove IL 60089  
Tel. +1 847-215-1000

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