

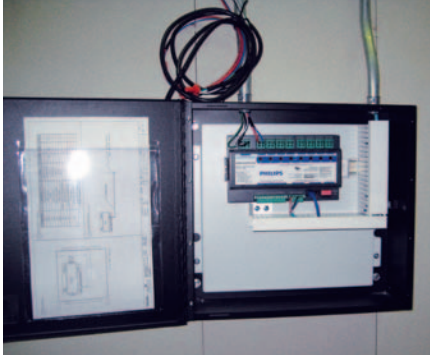
# DE Series

## Load controller enclosures

Page 1 of 2

Philips DE series load controller enclosures are designed specifically for the Philips architectural and lighting energy management load controllers and associated network interfaces. Enclosures contain a sub-panel designed to mount up to five (5) Philips Load Controllers, depending on enclosure model, along with network gateways or dry contact interfaces.

### Technical data



### Supply

120-277VAC (+10%/-15%) 50/60Hz  
Single Phase & Neutral  
Input power: up to 198W  
Input current: up to 2.4 A @ 120VAC  
up to 0.9 A @ 277VAC

### Load controllers

Up to five total in any combination  
DMBC320-DALI-NA, DMRC820FR-  
NA, and DMBC320 100ZT NA Load  
Controllers

### Mains output

Up to 40, depending on combination of  
Load Controllers

### Control inputs

1 x RS485 DyNet serial port for Load  
Controllers  
Up to 2 x RS485 DyNet or DMX512  
serial ports  
Up to 40 non isolated dry contact inputs  
(10VDC, 0.7mA) and up to 16 isolated dry  
contact inputs

### Compliance

UL/cUL Listed to UL 508a

### Operating environment

32° to 104°F (0° to 40°C) ambient  
0% to 90% RH non condensing

### Construction

Code Gauge C.R.S.; Hinged Locking Door

### Dimensions

All enclosures are 18" W by 6" D.  
See chart on following page for details.

### Weights

Unpacked weights with no load controllers  
or interfaces installed  
DE1 weight: 25.0 lbs  
DE2 weight: 34.0 lbs  
DE4 weight: 55.0 lbs  
DE6 weight: 76.0 lbs

### Job Information Type:

Job Name:

Cat. No.:

Notes:

# PHILIPS

sense and simplicity

# DE Series

## Load controller enclosures

Page 2 of 2

### Configurations

|  |   |                                  |   |                           |   |                                   |   |                          |   |                                |   |   |
|--|---|----------------------------------|---|---------------------------|---|-----------------------------------|---|--------------------------|---|--------------------------------|---|---|
| DE 4   | - | 2B                               | - | 1R                        | - | 1V                                | - | 1NG                      | - | 1DC                            | - | EMG                                       |
| Enclosure prefix<br>& total # of load<br>controllers |   | # of DALI ballast<br>controllers |   | # of relay<br>controllers |   | # of 0-10v ballast<br>controllers |   | # of network<br>gateways |   | # of dry contact<br>interfaces |   | UL 924 emergency<br>option                |
|  |   |                                  |   |                           |   |                                   |   |                          |   |                                |   | (Requires separate<br>phase loss sensing) |

Example: DE4-2B-1R-1V-1NG-1DC is a 4 Load Controller enclosure with (2) DMBC320-DALI-NA DALI Ballast Load Controllers, (1) DMRC820FR-NA Relay Load Controller, and (1) DMBC320-100ZT-NA 0-10V Ballast Controller with (1) DDNG485-NA Network Gateway and (1) DDMIDC8-NA Dry Contact Interface.

DE1 height: 17.0"

DE2 height: 26.0"

DE4 height: 43.0"

DE6 height: 53.0"

### Enclosure Back Boxes

DE1X

DE2X

DE4X

DE6X

Enclosure Back Boxes may be shipped separately.



Philips Controls  
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w: www.lightolier.com

DE Series March 31, 2011

Specifications are subject to change without notice.  
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|------------------------|--------------|
| <b>Job Information</b> | <b>Type:</b> |
|------------------------|--------------|