



# DR2PE

Revolution Series Euro

Clip-on cover system provides the ultimate design flexibility

The Philips Dynalite Revolution series of user interfaces provides an elegant and sophisticated connection to the DyNet network. The devices can communicate directly with each other, with lighting load controllers and with other integration devices, offering a simple user interface capable of complex automation system functions.

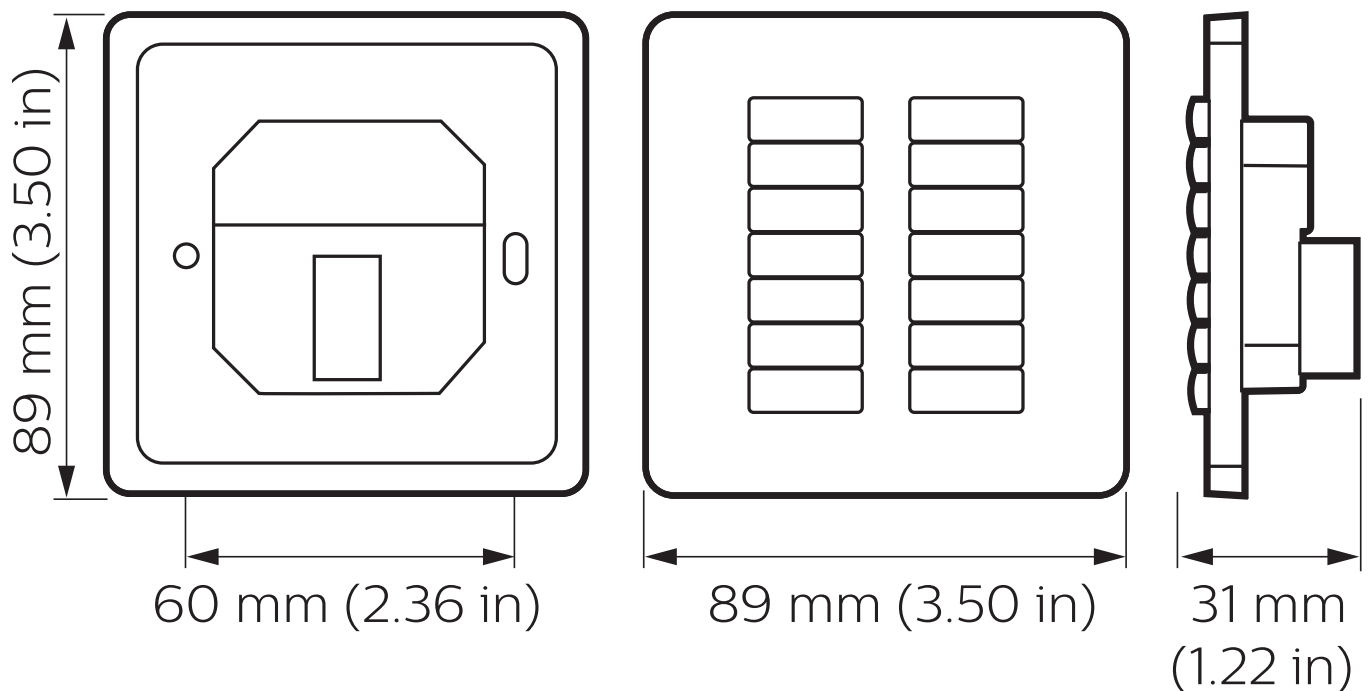
The DR2PE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

# DR2PE

Clip-on cover system provides the ultimate design flexibility

- **Extensive designer range** – Innovative clip-on cover fastening system provides the ultimate flexibility in décor-matching. Standard finishes include brushed stainless steel and white or black glass.
- **A choice of button colors** – To complement the cover color and finish choice, buttons are available in silver, white or charcoal gray.
- **Custom engraving options** – Identification of button function is made simple through custom engraving. Buttons can be labeled to identify purpose or area, providing accurate explanation of function. Backlighting assists to locate the UI and provides ease of readability, even in a darkened environment.
- **LED status indicators** – Easily discern which mode is in operation via the LED indicator on each button.
- **Standard control options** – Each button can be programmed to perform a range of standard control options that are individually configured to perform functions including toggle lighting on/off and ramp lighting up/down.
- **Complex functionality in a single action** – A single button press can be used to effect an entire system change, providing a true automation solution.
- **Designed to meet any requirement** – Available in one to 16 button configurations, the Revolution series user interfaces can be designed to perform as many or as few functions as required.

## Dimensions



# Specifications

Due to continuous improvements and innovations, specifications may change without notice.



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## Electrical

|                |                           |
|----------------|---------------------------|
| Supply Type    | DyNet<br>(SELV / Class 2) |
| Supply Voltage | 12-24 VDC                 |
| Supply Current | 20 mA                     |

## Control

|                     |   |
|---------------------|---|
| Serial Ports        | 1 x RS-485  |
| Supported Protocols | DyNet   |
| User Inputs         | 1-16 x software-configurable buttons  |
| Indicators          | Blue indicator LED on full width buttons<br>White/Orange backlight (see Page 4) |

## Physical

|                            |   |
|----------------------------|---|
| Dimensions (H x W x D)     | 89 x 89 x 31 mm (3.50 x 3.50 x 1.22 in)                     |
| Packed Weight              | 0.2 kg (0.44 lb)  |
| Construction               | Polycarbonate<br>(Bezel, key carrier and gridplate)         |
| Button/Cover Finish        | See Page 4  |
| Serial Ports               | 1 x 5-way pluggable screw terminal<br>+V, D-, D+, GND, SHLD |
| Serial Port Conductor Size | 2.5 mm <sup>2</sup> (#12 AWG) (max)                         |

## Environment

|                               |                                      |
|-------------------------------|--------------------------------------|
| Operating Temperature         | 0° to 50°C ambient (32° to 122°F)    |
| Storage/Transport Temperature | -25° to 70°C ambient (-13° to 158°F) |
| Humidity                      | 0 to 90% non-condensing              |
| IEC Pollution Degree          | II                                   |

## Compliance

|               |                              |
|---------------|------------------------------|
| Certification | CE, RCM, UL, FCC, ICES, RoHS |
|---------------|------------------------------|



## Ordering Code

The Philips Dynalite Revolution series provides amazing flexibility and design choices through a range of finish, color, backlight and engraving options.

# DR2PE-MXX-X-C-WE-P-BW-X-C

### Column Options

|                                     |                              |                                   |
|-------------------------------------|------------------------------|-----------------------------------|
| <b>A</b>                            | <b>B</b>                     | <b>C</b>                          |
| ON/OFF                              | ON<br>OFF                    | ON<br>ON/OFF                      |
| <b>D</b>                            | <b>E</b>                     | <b>F</b>                          |
| 1<br>2<br>OFF                       | 1<br>2<br>OFF                | 1<br>2<br>3<br>OFF                |
| <b>G</b>                            | <b>H</b>                     | <b>I</b>                          |
| 1<br>2<br>3<br>OFF                  | 1<br>2<br>3<br>4<br>OFF      | 1<br>2<br>3<br>4<br>ON/OFF        |
| <b>J</b>                            | <b>K</b>                     | <b>L</b>                          |
| 1<br>2<br>OFF<br>▲ ▼                | 1<br>2<br>3<br>4<br>5<br>OFF | 1<br>2<br>3<br>4<br>5<br>6<br>OFF |
| <b>M</b>                            |                              |                                   |
| 1<br>2<br>3<br>4<br>5<br>OFF<br>▲ ▼ |                              |                                   |

### Button Color

C = Charcoal  
S = Silver  
W = White

### Cover Finish

BG = Black Borosilicate Glass  
PB = Polished Brass (gold plated stainless)  
SG = White Optically Clear Starfire Glass  
SS = Brushed Stainless Steel  
WE = White (powder coated stainless)  
XX = No cover

### Backlight

O = Orange  
W = White

### Engraving

C = Custom  
S = Standard  
X = No Engraving

## Single and Dual Column Options

Options A, B, C, D, E, F and H are only available as a single column.

Options G, I, J, K, L and M are available in single or dual column configurations.

## Backlight

The White backlight option (BW) is only available with the Charcoal button color (C).

The Orange backlight (BO) is available with any button color.

## Wiring Adaptors

RJ12D-ADAPTOR (pack of 5) Dual RJ12 connector, downward-facing socket  
Suitable for 2-column panels

12NC: 913703069609

RJ12U-ADAPTOR (pack of 5) Dual RJ12 connector, upward-facing socket  
Suitable for 1-column panels

12NC: 913703069709

## Engraving

Single column UIs with Standard (S) engraving are labeled as shown to the left.

Buttons on dual column UIs with Standard engraving are numbered down both columns (e.g 1-5, 6-11).

An OFF button is included in every standard column option, so to avoid redundancy **we recommend Custom engraving (C) for all dual column UIs.**

If Custom engraving is selected, details must accompany order.

### DR2PE-KLX-....-S

|     |     |
|-----|-----|
| 1   | 6   |
| 2   | 7   |
| 3   | 8   |
| 4   | 9   |
| 5   | 10  |
| OFF | 11  |
|     | OFF |

