



## PRODUCT CHANGE NOTIFICATION

PCN No.: **PCN161001**

*This Product Change Notification serves to inform the Purchaser and Consumer of certain design and or specification changes, described herein, that Crydom will make to its line of Solid State Relay model numbers indicated in the attachment and in accordance with the described time line.*

**Issue Date:** October 12<sup>th</sup> 2016

**Effective Date:** December 1<sup>st</sup> 2016

### Subject:

**New generation of EL Series Solid State Relays**

### Scope:

To improve the performance of the EL Series of panel mounted Solid State Relays while maintaining the same part numbers and similar mechanical and electrical specifications.

### Description of Changes:

A re-design of the internal construction and the housing of the EL Series solid state relays was made, keeping the general specifications equal or better while adding some additional features and options. This improved design provides increased reliability and better thermal performance, allowing to use a smaller heat sink to achieve the maximum rating of the SSR.

The following are the main changes on this new design:

- The tabs with the mounting holes are now part of the new specially designed housing, reducing the internal stress on the product when fastening into a panel.

**Current Version**



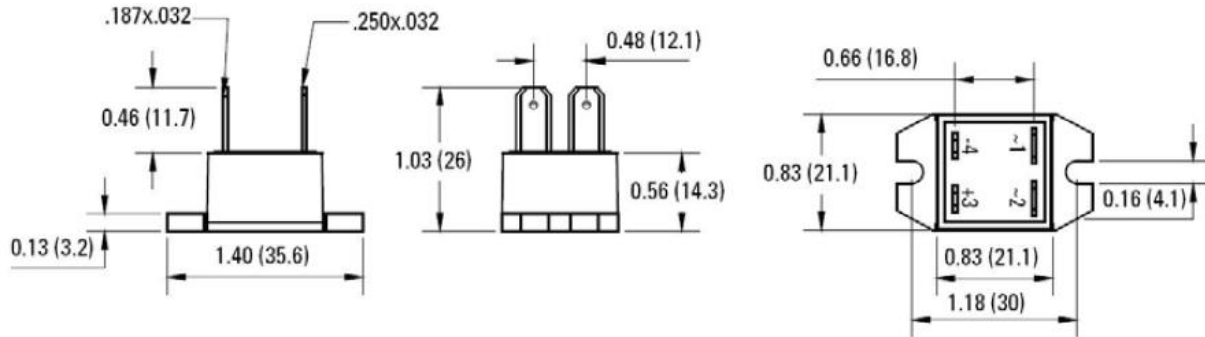
**New Version**



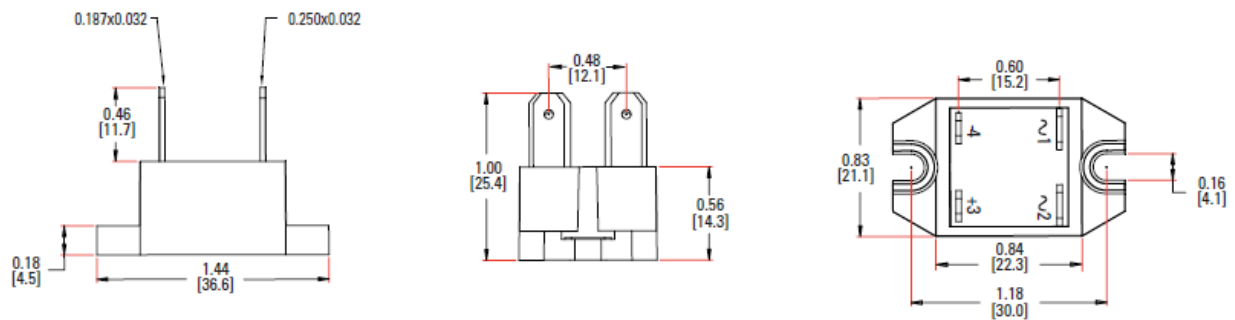
- A green LED input indicator was added to all AC output models.

- The general dimensions were kept basically the same:

## Current Version



## New Version



- The copper substrate is now directly exposed at the back of the relay, resulting in a reduced thermal impedance, and all models come with a thermal pad pre-installed at the factory.



Please refer to the product datasheet for greater detail of all the electrical and mechanical specifications.



**Applicability:**

Design/Specification changes described herein will be applied to all listed Crydom models produced as of the effectivity date indicated in the PCN. All the products with **date code 1648** and beyond will be affected by this modification.

After the effectivity date, customers could still order the older design for a limited time to allow for a smooth transition. Please contact your local Crydom Sales Representative about how to place orders for the previous version of the models included in this PCN.

**Products/Models this PCN applies to:**

- EL100D10-05
- EL100D10-12
- EL100D10-24
- EL100D5-05
- EL100D5-12
- EL100D5-24
- EL240A10-05
- EL240A10-12
- EL240A10-24
- EL240A10R-05
- EL240A10R-12
- EL240A10R-24
- EL240A20-05
- EL240A20-12
- EL240A20-24
- EL240A20R-05
- EL240A20R-12
- EL240A20R-24
- EL240A20R-24H
- EL240A5-05
- EL240A5-12
- EL240A5-24
- EL240A5R-05
- EL240A5R-12
- EL240A5R-24

In the special case of models with suffix 'H', these will become obsolete and will be replaced by the same part number minus the suffix after the Last Time Buy date specified below.



**Last Time Buy Date for old designs:**

May 29<sup>th</sup> 2017.

**Last Ship Date for old designs:**

June 20<sup>th</sup> 2017.

**Stock Returns:**

Standard annual stock rotation and warranty provisions per contract apply. There is no need to return stock.

A handwritten signature in blue ink, appearing to read 'Jesus Miranda', with a long, sweeping flourish extending to the right.

**Jesus Miranda**  
Product Manager  
Solid State Relays (Industrial Solutions)  
Sensata Technologies