www.celduc-relais.com

For this 1st newsletter of the year we are pleased to remind you our main developments in 2014 :

Solid State Relays

New single-phase softstarter
-SYMC0001-

An innovative Single Phase softstarter that limits peak energy demand !

SYMC0001 - Main technical advantages:

> **Starting current limited to 45A** : in domestic applications this softstarter avoids financial penalties from electricity board and allows, in France, to be in compliance with NFC15-100 regarding starting current limitation.

> **Diagnostic information**: in case of abnormal motor current or mains voltage, or if internal malfunction occurs. A green LED is used for both control status and alarm indication.

> **Thyristor based softstarter and control made by microprocessor: efficiency & performances**

> **Starting and running capacitor: External and not supplied**. This allows the manufacturer to use reliable and high quality capacitors, to also replace them easily when required. Dedicated connections ease the wiring.

> **Made in France and designed in compliance with EN60947-4-2**

To download our leaflet - click here

New IGBT based DC SSR
-SDI0501700-

At celduc®relais, DC power switching under control !

We are pleased to introduce our new IGBT based **SDI0501700** SSR which can switch 50 A @ 750 VDC nominal in a fast, reliable and safe way.

In every situation, safety operation is preserved :

-Built-in over-voltage protection for inductive DC supply lines,

-Built-in load short circuit protection : by detection of IGBT saturation, short circuits on the load will block the unit, keeping it safe,

-Built-in over load temperature protection : over-heating should occur, the unit will automatically switch off.

The SDI SSR is definitely designed for the most demanding DC power switching applications, the unit that the railway companies, on rolling stock or infrastructure, have expected for years !

Technical data-sheet

UL approval for our DC SSRs (SCI-SCM-SOM ranges)

In December 2014, **celduc® relais** has received the authorization to apply UL mark on DC ranges SCI-SCM and SOM.

To have access to our UL listed products - click here

Anti intrusion MAGNETIC SENSOR for Windows and Doors Alarms

PNA2P020 magnetic sensor is used in doors and windows access control systems for buildings.

PNA2P020 magnetic sensor is built in two parts : "contact" and "magnet". Contact is open if no magnet (window or door open).

The cable is made with 4 wires : 2 for the switch and 2 for auto-protection circuit.
REED switch contact doesn't require and external power supply.

This new product is designed in compliance with EN 50131 concerning Alarm Systems - Intrusion & Hold-Up Systems as well as NFA2P standard.
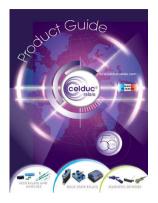
This sensor is built in plastic housing with 2 mounting options :

-Direct mounting
-Mounting in additional housing : "contact" and "magnet" are fitted into another plastic housing for screw mount - top version.

Technical data-sheet

Upcoming Events

celduc's Product Guide

We remind you that our Product Guide can be downloaded from our website :

-English
-French
-German
-Spanish
-Italian

Exhibitions March 2015

NPE 2015 - Orlando, Florida USA
The international plastics showcase
From the 23rd to the 27th of March 2015
Exhibitor : celduc relais
West Hall Level 2 - Hall A - Stand W-983
Website

NPE2015: THE INTERNATIONAL PLASTICS SHOWCASE
March 23-27, 2015
Orlando, Florida USA
www.npe.org

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