



Newsletter

February 2016

Solid State Relays with "FASTON" terminals *For a quick connection !*

Solid State Relays



Solid State Relays with "FASTON" terminals are appropriate mainly for the food industry and for switching current < 20A.
celduc® relais offers a wide range of "FASTON" solutions :

SF5 range

The SF5 range has a compact 21 mm wide package featuring imbedded quick connect terminals.

- 10A version [SF541310](#)
- 25A UL20A version [SF546310](#)
- Switching voltage : 12-280VAC
- Control voltage : 4-30VDC
- Zero-cross



These products are fully wired with SMD process and celduc® selects the high technology components like snubberless triacs.

These products are CE certified, UL and cUL recognized

The very small size of this range allows to place it as an interface in all configurations.

SCF range

These products are designed for resistive loads AC-51.

References available :

[SCF42160](#)

- Thyristor rating : 25A
- Switching voltage : 12-280VAC
- Control voltage : 4-30VDC

[SCF42324](#)

- Thyristor rating : 25A
- Switching voltage : 12-280VAC
- Control voltage : 12-30VDC
- Internal VDR protection for some models

[SCF62160](#)

- Thyristor rating : 25A
- Switching voltage : 24-600VAC



-Control voltage : 5-30VDC

SP7/SP8 range

In a full plastic case, these relays can switch up to 12 A AC51. This range is appropriate for any type of loads (such as heating or single-phase random motor) thanks to high immunity components and an integrated overvoltage protection combined with 800Vpeak power components.

- Thyristor rating : 25A
- Switching current AC-51 : 12A
- Switching voltage : 12-280VAC
- Random version : [SP752120](#)
- Zero-cross version : [SP852120](#)



SOB5 range (dual okpac®)

➤ Two-phase solid State Relays with power and control connections by FASTON terminals :

-[SOB542460](#) : 2x25A - 12-280Vac - Ctrl 3-32VDC

-[SOB562460](#) : 2x25A - 24-600Vac - Ctrl 3,5-32VDC



➤ Two-phase Solid State Relays with double inout with connector CE100F ITWPANCON type or similar and power connection by FASTON 6,3mm terminals with IP20 protection :

-[SOB544330](#) : 2x40A - 12-275Vac - Ctrl 8-30VDC

-[SOB564330](#) : 2x40A - 24-510Vac - Ctrl 8-30VDC



Why choosing REED magnetic sensors ?

Thanks to its 45-year experience in Reed switch technology, celduc relais offers you a wide range of magnetic sensors.

A Reed switch is a dry contact in a sealed glass bulb providing insulation at the same time : a simple, reliable and low cost solution.

What are the advantages of Reed switches ?

- No need of external power supply.
- A real galvanic insulation (the two blades are physically separate).
- Possibility to use it in an harsh environment : dust, water, ...
- Distances for detection can be very large (from 0 to 60mm). This depends on the REED switch sensitivity, but also on the magnet.
- Very price effective compared to all the other existing technologies.

Please consult us to have our expertise !



Under development : Magnetic sensor for Ferrous Metal Detection No need of control magnet !

This PJX range is actually under development and will operate from the front as well as from above, requiring only a piece of iron instead of an actuating magnet.

Applications:

- End travel sensing limit switches,
- Position control,
- Safety & Interlock Sensing,
- Metal Fire Protection Doors,
- Door & Window Control.



Markets : industrial, agriculture, security, ...

This range can be offered as substitutes to inductive proximity sensors !

Coming soon : 1st quarter 2016



Exhibitions

We are pleased to inform you that celduc products will be presented at the following exhibition :

-Thailand Industriail Fair 2016 - Bangkok - THAILAND

From the 3rd to the 6th of March 2016

Exhibitor : PRIMUS CO., LTD.

[Website](#)

-ExpoElectronica 2016 - Moscow - RUSSIA

From the 15th to 17th of March 2016

Exhibitor : AVITON

Stand B125

[Website](#)

-CHINAPLAS 2016 - Shanghai - CHINA

From the 25th to the 28th of April 2016

Exhibitor : celduc relais

[Website](#)

-HANNOVER MESSE - Hannovre - GERMANY

From the 25th to 29th of April 2016

Exhibitor : Keramserviss

Stand H62 Hall 4

[Website](#)

-Intermach 2016 - Bangkok - THAILAND

From the 11th to the 14th of May 2016

Exhibitor : PRIMUS CO., LTD.

Stand N39

-Thaiflex World of Food 2016 - Bangkok - THAILAND

From the 25th to the 29th of May 2016

Exhibitor : PRIMUS CO., LTD.

[Website](#)

-Propak Asia 2016 - Bangkok - THAILAND

From the 11th to the 18th of June 2016

Exhibitor : PRIMUS CO., LTD.

Stand 2J51 Hall 102

[Website](#)

-Assembly Technology 2016 - Bangkok - THAILAND

From the 22nd to the 25th of June 2016

Exhibitor : PRIMUS CO., LTD.

Stand 1A27

[Website](#)

-INNOTRANS 2016 - Berlin - GERMANY

From the 20th to the 23rd of September 2016

Exhibitor : celduc relais

[Website](#)

-K' 2016 - Düsseldorf - GERMANY

From the 19th to the 26th of October 2016

Exhibitor : celduc relais

[Website](#)

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