



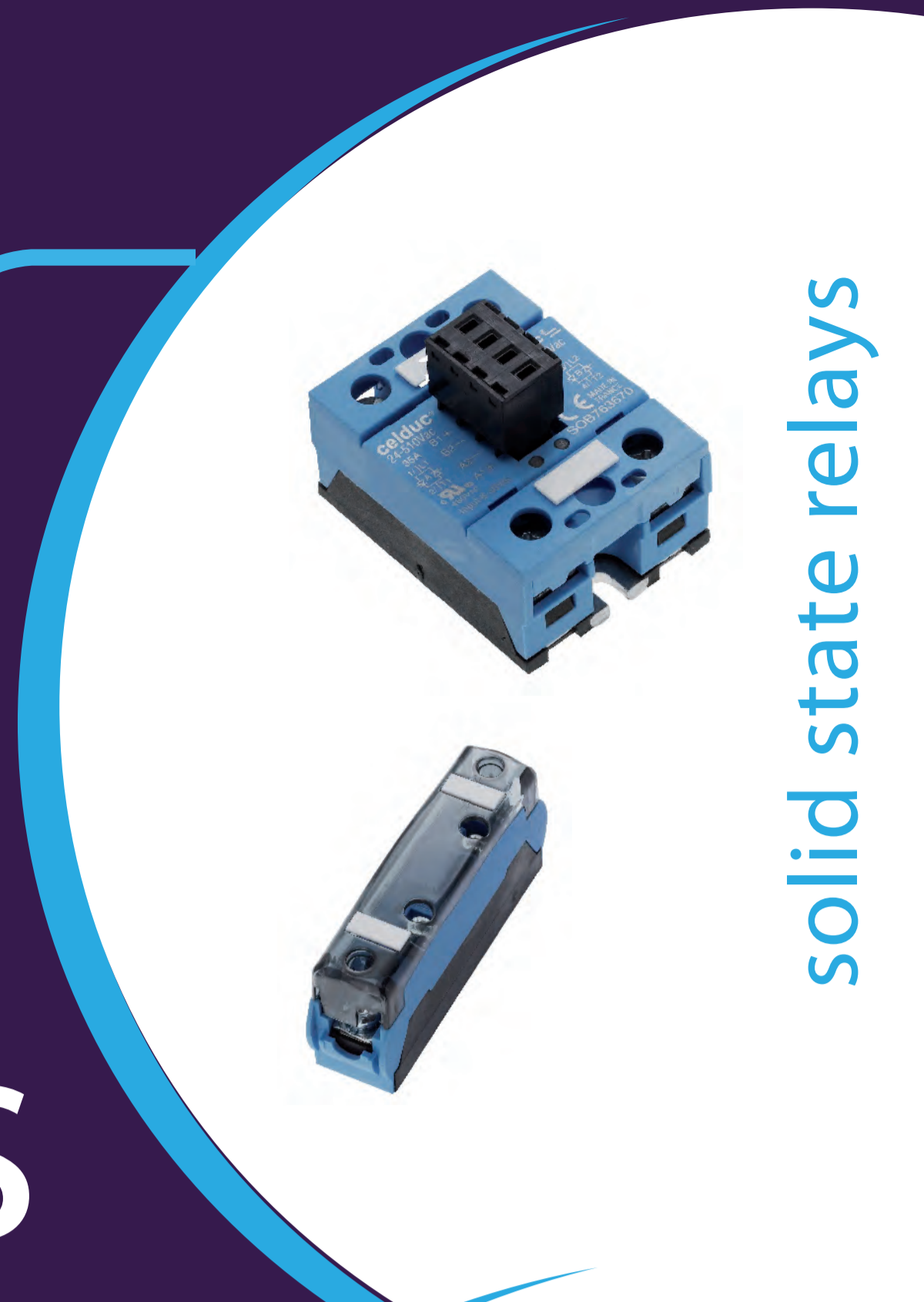
Solid State Relays

in plastic injection
molding machines &
Extruders

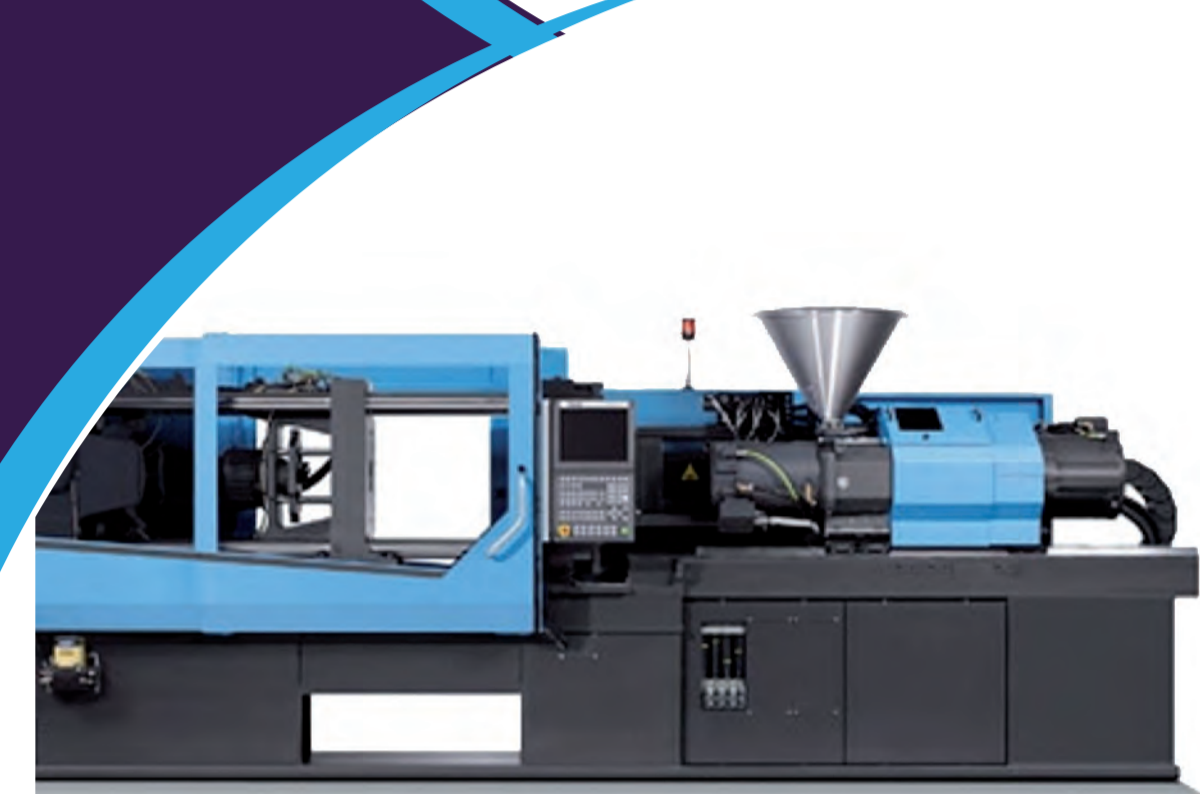
The celduc[®] relais SSRs are used :

- ▶ to switch ON/OFF the mold heating system
- ▶ to control hot air dryers for moulds dehumidification
- ▶ to control the pre-heating time process of the plastic material and/or of the mold
- ▶ to control water-chiller system

*celduc[®] relais SSRs are the right choice for
accurate and long life time
temperature control*



solid state relays



Solid State Relays in plastic injection molding machines & extruders

In conformity with :

- IEC/EN60947-4-2 for motor control
- IEC/EN60947-4-3 for the other loads
- IEC62314



SINGLE PHASE SSRs

okpac[®] Innovation, Performance and Design !



celpac[®] ₂₆ The 22,5mm pitch SSR solution !

SA range

SU range



celduc[®] relais offers 2 optional modules pluggable on our SU / SUL :



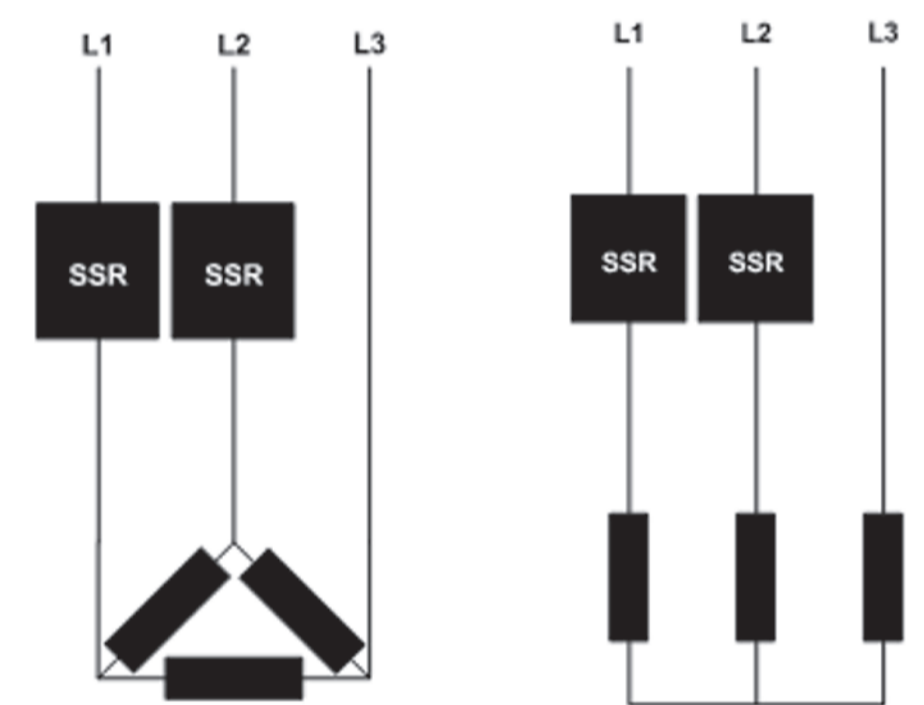
- ESUC : Current monitoring module
- ECOM : Temperature controller, current monitor and communication interface in one unit

Save room, save costs, add functions !

- These ranges are designed for all types of loads current from 12 to 125A
- Output voltage from 24 to 690VAC (600V-1200V-1600V peak)
- TMS² technology 4th generation with very long life time expectancy

TWO PHASE SSRs

The dual solid state relays have been designed to have 2 single phase relays in one housing (compact size) and are perfectly adapted to three phase applications with breaking of two phase only.



Cost-effective & compact solution !

THREE PHASE SSRs

Various models are available, with ratings up to 125 amps per phase, with either AC or DC input, random or zero-cross output.

cel3pac New

- 100mm version
- With screws or spring connections



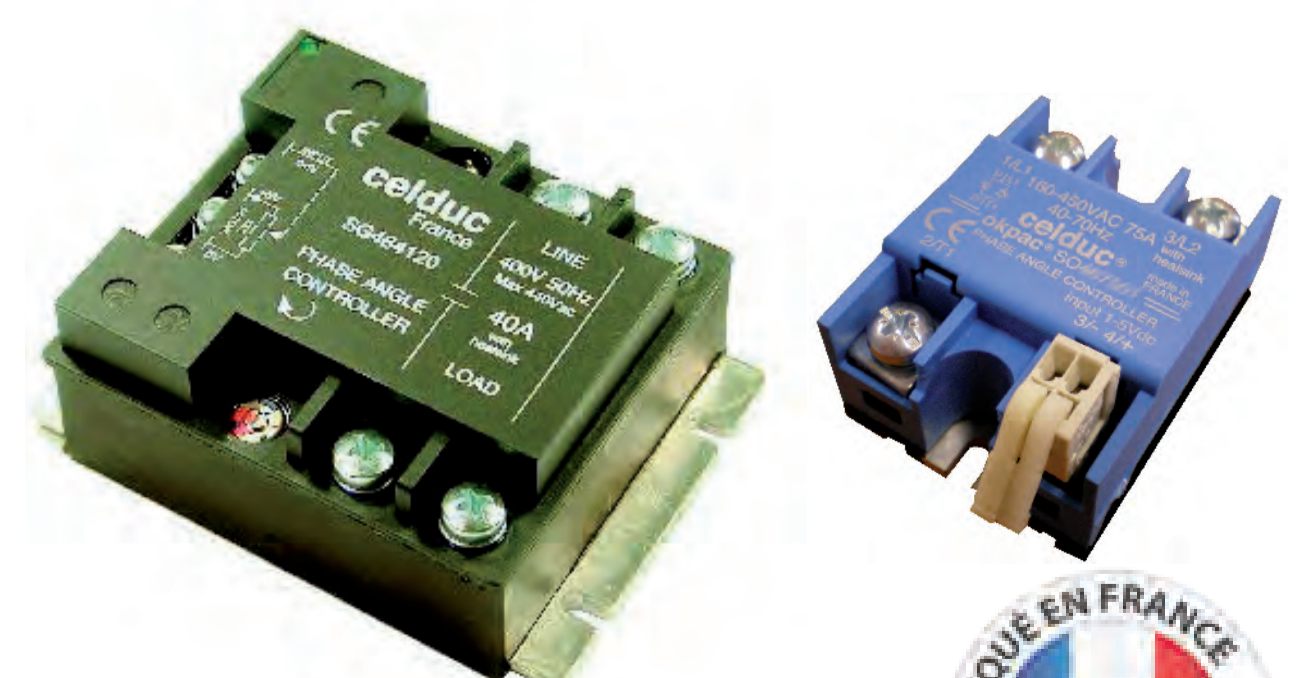
sightpac New

- Compact 45mm version
- With screws or spring connections



PHASE ANGLE CONTROLLERS

SO3 (Burst control mode), SO4 (New generation of proportional controllers) and SG4 (Phase angle controller) are used in PET blow-molding machines to drive the Infra red lamps on each side of the preform track.



All our technical data-sheets are available in our website www.celduc-relais.com

