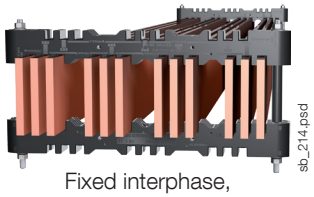
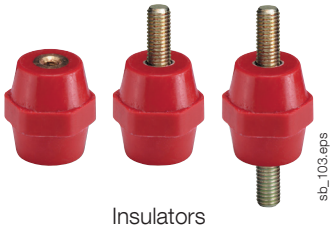
Busbar supports

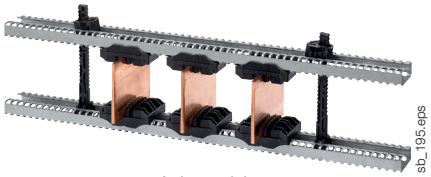
Busbars



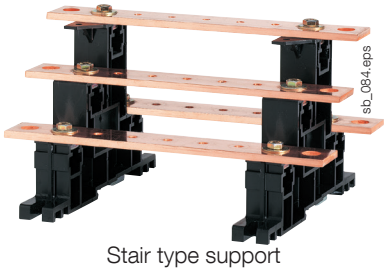
Fixed interphase, SB C 15



Insulators



Adjustable interphase



Stair type support

Function

SOCOMEC **insulating busbar supports** ensure the fixing and holding in place of copper or aluminium busbars or busbar systems during a short-circuit

Advantages

Insulators

- Polyester without halogen.
- UL94 VO self-extinguishing.
- Colour red RAL 3002.
- Operating temperature from -40 °C to +130 °C.
- Deformation under load temperature (ASTM D643): > 200 °C.
- Dielectric constant (ASTM D150): 4/5.
- Arc resistance (ASTM D495): > 180 s.
- Water absorption (ASTM D570): < 0.3%.

Busbar supports

- High dielectric strength.
- High mechanical resistance.
- Non-magnetism of assembly parts.
- High resistance to damp heat (supplied “tropicalised”).

Stair type supports

- Thermoplastic material.
- VO self-extinguishing.
- Insulating voltage: 1000 V.

The solution for

> Electrical distribution

Conformity to standards

> IEC 61439-1
> IEC 60865-1

Approvals and certifications (1)

> ASEFA/LCIE

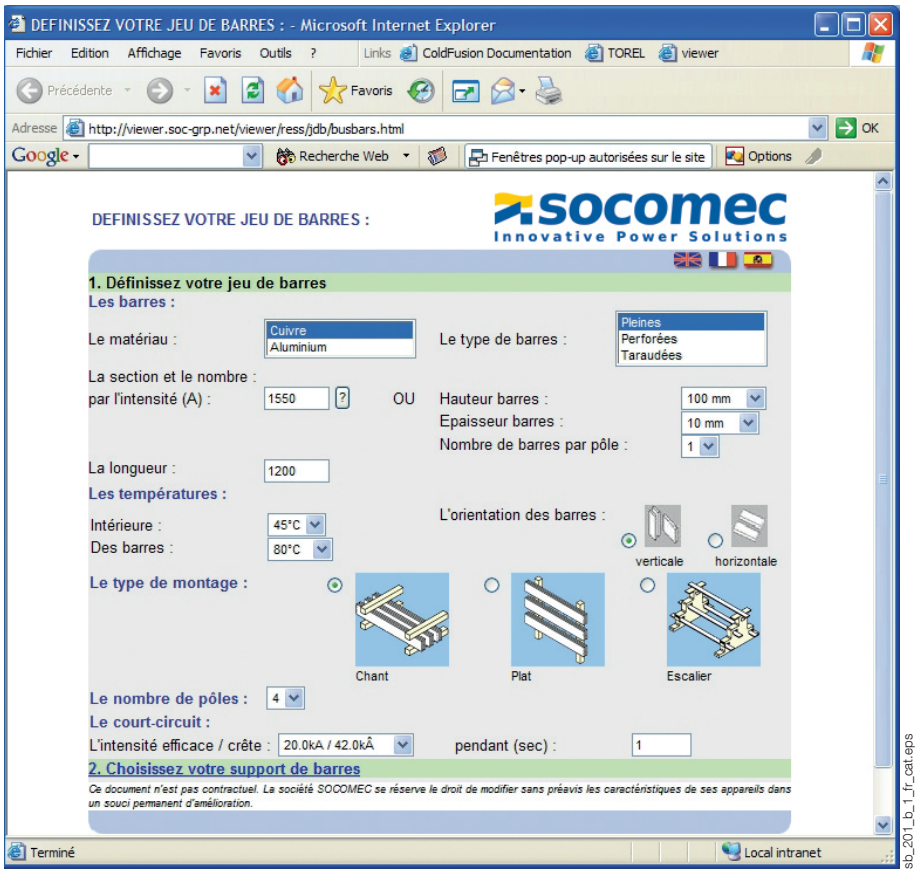
KEMA KEUR

Lloyd's Register

(1) Product part numbers on request.

socomec Innovative Power Solutions

Software tool for size selection



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Strong points

- Easy to install and use
- Adapts according to installation conditions (ambient temperature, mounting orientation, etc.)

Function

Mechanical System is multi-language software used for sizing busbar systems. It defines the configuration of the busbar system, including bar cross-section and distance between supports, according to the required electrical characteristics of the panel in compliance with standard IEC 61439-1.

Advantages

Easy to install and use
Mechanical System software is available for download from www.socomec.com.
Once installed, the software can be used offline. It runs on Windows platform.

Adapts according to installation conditions (ambient temperature, mounting orientation, etc.)
Mechanical System allows you to perfectly adapt the copper cross-section according to the environmental conditions of your panel and installation.