

# FLEXIBLE ELEMENTS

Allowable current in relation to the flexible elements overheating for an ambient temperature of 35°C

## Selection:

The bar chart enables the selection of flexible elements according to the different parameters:

- Operating cabinet temperature of 35°C.
- Current (amps) requested.
- Acceptable rise in temperature.

## Selection's example:

Our example concerns a current flow capacity of 630 A, and a maximum temperature of 85°C:

- Operating cabinet temperature is 35°C (fixed)
- The acceptable rise in temperature is (85°C - 35°C = 50°C). (See the orange line)

The possibilities are:  
(Intersection across the orange line and the green scale)

- ES 20 x 1 x 10
- ES 24 x 1 x 8
- ES 32 x 1 x 6
- ES 40 x 1 x 4
- ES 50 x 1 x 3

Depends on the clamp of the circuit breaker, you have to choose the correct width of the flexible element.

