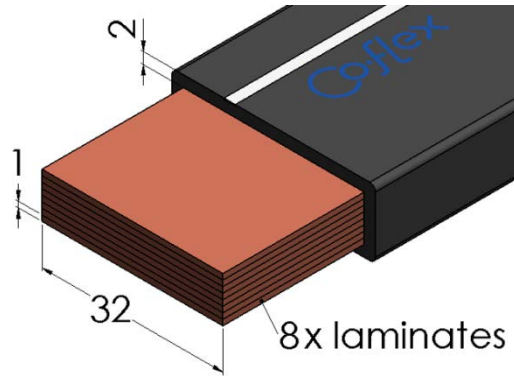


## Product Datasheet

### CFX3145



#### Main

|                                  |                                |                     |
|----------------------------------|--------------------------------|---------------------|
| Family                           | Insulated copper flexible bars |                     |
| Version                          | Coflex                         |                     |
| Standard length (m)              | 3                              |                     |
| Width (mm)                       | 32                             |                     |
| Code                             | CFX3145                        |                     |
| Reference                        | CFX 8X32X1                     |                     |
| Number per package               | 1                              |                     |
| Weight (kg)                      | 7.57                           |                     |
| Cross section (mm <sup>2</sup> ) | 256                            |                     |
| In (A) vs ΔT                     | Rated Intensity (A)            | Temperature rise ΔT |
|                                  | 657                            | 35 °C               |
|                                  | 754                            | 45 °C               |
|                                  | <b>841</b>                     | <b>55 °C</b>        |
|                                  | 957                            | 70 °C               |

## Technical Features

### Conductor

Electrolytic copper: Cu-ETP – EN 13599

Laminate thickness: 1 mm

### Insulation

PVC compound

Self-extinguishing PVC UL 94-V0

Black color with white line

Thickness: 2 mm ± 0.2

Dielectric strength: 20 kV/mm

Class II according to Par. 8.4.4 IEC 61439-1

Recyclable

### Finished Product

Rated voltage: 1000 V AC/1500 V DC

Working temperature: -40 °C to 105 °C

### In vs. ΔT

$I_n$  = Rated current A

$\Delta T$  = Temperature rise °C

$\Delta T = T_f - T_a$

$T_f$  = Working temperature °C

$T_a$  = Room temperature °C

Table of ampacities (A) are based on temperature rise  $\Delta T$  as per **IEC 61439-1** with reference room temperature of 35°C.

For derating coefficient for the use of bars in parallel please refer to the catalogue.

Please contact Teknomega for non-specified tolerances.