Insulators and Partition bushings

- **Low voltage**
- **Compression by molding**
- **Electrical insulation**
- **High mechanical resistance**

A robust solution guaranteed by MAFELEC

General characteristics :

Operating temperature : -40 °C à +130 °C (depending on models)
Insulating material : Flame retardant compound polyester without halogen, reinforced with fiber glass.
Attachments parts : Steel, class 6/8
Protection : galvanised 8µ + reinforced passivation without Cr VI (RoHS)

Standards :

- **Conception : NF F 61-016**
- **Smoke Fire : NF F 16-102 / EN45545**
- **Environment : ROHS, REACH**

For all other technical information, consult the catalogue : *Insulators and Partition bushings*

Function of an insulator :

Designed for insulating busbars, plate base for electrical cabinets, connections of conductors and semiconductors.

Function of a partition bushing :

Designed to provide an electrical connection through a partition (central insert made of high mechanical strength tin-plated brass).

POLYGONAL insulators

- Standard insulators
- Distance between bearing surfaces (mm) : 15, 26, 35, 50, 60

Insulating partition bushings, 2 FEMALE inserts

- Distance between bearing surfaces (mm) : 82

« UMBRELLA » insulators

- Increase the creepage and prevents conductive deposits from covering the entire surface of the insulator.
- Distance between bearing surfaces (mm) : 50 and 100

Insulating partition bushings, 2 MALE inserts

- Distance between bearing surfaces (mm) : 84

CYLINDRICAL insulators

- Small diameters to address space problems, Installing and insulating of power PCB.
- Distance between bearing surfaces (mm) : 22, 35, 50

References availables on the catalogue

AEROSPATIAL & DEFENSE | CAR & BUS | FERROVIAIRE | INDUSTRIE | ENERGIE | MARINE DE PLAISANCE | TRANSPORT VERTICAL | VEHICULES INDUSTRIELS | OFFSHORE & MINE

(update 2019/04)