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ISO - INSULATORS

ISO2091
ISO 50M10W

- Black insulators in polyamide
- Polyamide reinforced with fiberglass
- Molded by injection
- Rated voltage 1000 V ac/1500 V dc
- Working temperature -40 to 130°C



PRODUCT DESCRIPTION

The "stand off" insulator is used as an insulating support for active conductors to guarantee excellent electrical insulation capability; it can be used as a support for electrical devices, giving high mechanical resistance values, as well as a spacing and/or stiffening element of a system made of conductor bars (copper and/or aluminium).

The various heights, widths and sizes of the threaded inserts make it possible to select the most suitable reference for the specific installation.

The range offers two product types, both with high electrical insulation and mechanical resistance characteristics, obtained using different production processes and materials.

- COMPRHEX: red inisulators and spacing columns made of polyester reinforced with fiberglass, molded by compression.
- ISO: black insulators and soacing columns made of polyamide reinforced with fiberglass, molded by injection.

Both ranges of have passed severe tests to check their mechanical and electrical resistance.
The values obtained during the tests are indicated in the relevant technical tables.

Tests are carried out in compliance with standards EN 60664-1 and EN 61439-1

TECHNICAL DATA

GENERAL DATA

Thread size	M10
Material	Polyamide
D (Diameter)	40 mm
H (height)	50 mm
E (Spanner Height)	12 mm
F (Insert Depth)	15 mm

Colour	Black
Compressive strength	13000 daN
Rated voltage	1000 V AC/1500 V DC
Operating temperature	-40 to 130°C
Flexual strength	750 daN
Tensile strength	2000 daN
Insulation	Polyamide 65 reinforced with 30% fiberglass, Halogen Free
Nominal torque	50
Weight	0.145 kg



