

LINE **CONCHIGLIA**

Grafi **SERIES DIN ENCLOSURES**



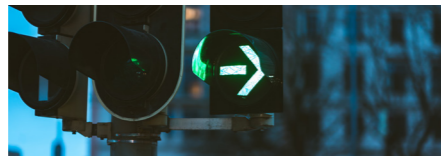
Compliance with standards, structural reliability, advanced modularity

DKC Group is an internationally recognised Italian company, active in the design and production of **integrated electrical engineering, industrial automation and energy infrastructure solutions**. By developing coordinated systems, the Group can meet system design, installation and management needs effectively, in increasingly electrified and interconnected environments.

The Conchiglia Line works perfectly in this sense, protecting low-voltage outdoor electrical equipment, such as public lighting, electric signs, and LV power distribution infrastructure. Designed and manufactured entirely in Italy, at our Villanova sull'Arda (PC) factory, this Line guarantees construction quality, safety and reliability over time, by resorting to directly supervised production processes and selected raw materials.

Grafi DIN roadside enclosures are a **special installation range category**, complying with standard DIN 43629, and **fully compatible with European markets installation requirements** - especially within the DACH and border road infrastructure. Equipped with a ground-fixed footing to ensure structural stability and compliance with regulatory heights, **this solution is ideal for public and infrastructure applications**.

QUALITY CONSTRUCTION AND



MAIN FEATURES

Protection rating
IP44 / IP55 according to EN 60529

Impact resistance
IK10 according to IEC EN 62262

Nominal insulation voltage
Ui 690 V

Material
Fiberglass RAL7035

Hinges
Made in Stainless steel

Gaskets
Made in EPDM expanded for environmental sealing

DIMENSIONAL RANGE

Available in three main sizes:

VERSION	WIDTH	HEIGHTS	DEPTH
DIN 0	685		
DIN 1	910	940-1180-1390	330
DIN 2	1150		

Rear fittings for DIN-compliant interior equipment. Footing fixed to the ground

LONG-LASTING PROTECTION

Made of fibreglass (RAL 7035) with a galvanised and painted steel frame, the enclosures **guarantee mechanical strength**, full electrical insulation and long-term reliability.

The **protection rating may be adapted according to the project**: by inserting or removing the gasket, the enclosure can be converted between the **IP44** and **IP55** versions, based on actual installation conditions.

The embossed pattern on the door and on the back wall improves the **cabinet's impact resistance** and reduces its exposure to solar radiation, for longer-lasting materials.

VALUE FOR DESIGNERS

DIN Grafi enclosures are a reliable and compliant solution for modern electrical engineering infrastructures, combining:

- European regulatory standards
- Advanced modularity
- Sturdy construction
- Integration in urban contexts

REGULATORY COMPLIANCE

DIN Grafi enclosures are **designed** according to the following main international standards:

- **DIN 43629** Roadside enclosures and base systems
- **IEC EN 62208** Enclosures for low-voltage assemblies (tested)
- **IEC EN 60529** Protection rating (tested)
- **IEC EN 62262** Resistance against mechanical impact (tested)



FOOTING FIXED TO THE GROUND

Specifications

- Removable upper front wall for easy access and inspection
- Supplied with insulated cable fixing brackets

Materials

- Grey RAL 7035 SMC

FIXING FRAME

Specifications

- AISI 304 stainless steel screws to guarantee access over time
- Supplied with brackets for concrete base fixing

Materials

- Made of steel with 18/24 cathaphoretic coating treatment



IN BAKELITE MATERIAL, INTERNAL PARTITION TO BE FIXED AT DIFFERENT HEIGHT IN THE CABINET.



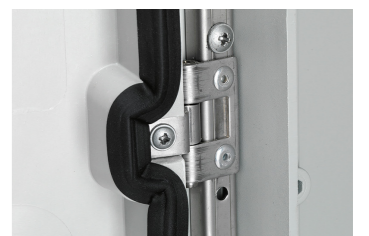
INSERTS WITH M10 THREAD BURIED IN THE BASE PANEL DURING THE MOULDING PHASE ALLOW BOTTOM PLATES TO BE APPLIED.



PRE-ENGINEERED FOR FASTENING THE BASE IN ACCORDANCE WITH THE DIN 43629 STANDARD. EASILY DISASSEMBLED FRONT CROSS-PIECE FOR IMPROVED ACCESS.



NEW HANDLE IN POLYAMIDE GR RESISTANT TO ATMOSPHERIC AGENTS AND UV RAYS



DOORS HINGE IN STAINLESS STEEL AISI 304. THE DOORS CAN BE CONVENIENTLY REMOVED FOR EASY INSTALLATION OF THE INTERNAL EQUIPMENT.



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