

Conchiglia LINE

NEW STEEL BOXES
RP-CROSS SERIES

 **DKC**

 **DKC**
NEXT TO YOU



MADE-IN-ITALY DURABILITY AND QUALITY FOR THE MOST CHALLENGING OUTDOOR ENVIRONMENTS

DKC Group's Conchiglia Line - dedicated to the protection of outdoor low-voltage electrical equipment, public lighting, active road signs and gas/water network components - consists of **reliable and safe solutions made entirely in Italy from high quality raw materials.**

In response to the sector's renewed demands, the DKC Group has updated its offer by introducing the **new RP-CROSS series junction boxes** in its catalogue.

RP-CROSS series junction boxes are **empty containers** made of **galvanised sheet steel**, ideal for **power distribution.**

In particular, they can be used to form measurement, command, control and signalling panels in **road, motorway and railway applications**, and they represent the ideal solution for those seeking **reliability and durability in harsh outdoor environments.**

DURABILITY AND CUSTOMISATION



ADVANTAGES

The RP-CROSS series steel junction boxes feature new specifications that provide significant advantages in terms of strength and ease of installation.

- **Comprehensive range:** wide choice of box sizes, all available in two depth options, to adapt to any project.
- **Durability over time:** designed in galvanised sheet steel with corrosion class C4 paint, it offers consistent quality over time in outdoor environments, even in highly critical conditions.
- **Design and robustness:** the revised aesthetics and optimised design improve the structural robustness of the entire unit, giving it a modern appearance and optimum strength.
- **High protection standards:** the safety and protection capacity of the internal active equipment is guaranteed by IP55 and IK10 ratings.
- **Versatility:** the boxes are designed to offer the customer maximum installation flexibility, by means of wall- or floor-mounting accessories that can also be changed during use.
- **Customisation:** depending on the quantities required, the boxes can be machined by adding holes based on customers' specifications and painted to suit all contexts.

TECHNICAL FEATURES

The boxes are made of **galvanised sheet steel** with **corrosion class C4** painting and are equipped with an **EPDM gasket** on the lid. These specifications ensure optimal weather protection in outdoor environments and even in highly polluted areas. The **RAL 7035** colour makes them suitable for any architectural context, by blending them in perfectly with their surroundings.

Mounting is extremely flexible: they can be installed on the floor using a pedestal and frame (available as optionals), or on the wall with the brackets supplied, thus allowing **perfect adaptation to different requirements**. For pedestal installation, cable routing is made easier by holes cut in the bottom of the box, to which conical membranes can be added or, if they need to be completely closed, they can be covered with a special flange supplied with the box. The lid, hinged and locking by means of screwed knobs with brass inserts, also includes a **single cipher security lock (Y21)**, offering an additional level of security.

ACCESSORIES

- The **galvanised sheet steel pedestal**, also spray-painted for maximum corrosion resistance (class C4) and available in **RAL 7035**, is an **optional accessory**. The base can be mounted on the floor with a dedicated frame or fixed directly to the base casting with dowels, ensuring impeccable stability.
- The **frame** is made of galvanised steel profiles, with wall brackets and steel hardware
- Nickel-plated brass, side-mounted locks can be opened with an optional Y21 or Y12 coded key
- The boxes can be fitted with **IP55 air vents** (ISO Coarse 75% / G4 filtration class), which feature a quick and easy clip-on mounting system, without the need for tools. Lastly, the lid sliding opening allows to replace the filter cloth easily (washable up to 10 times).
- Internal equipment is facilitated by **back plates** made of steel or Bakelite.



RANGE OF APPLICATIONS

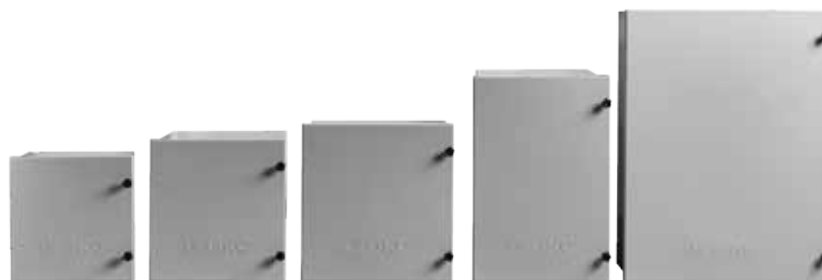
The new boxes have been **designed entirely in Italy** to be integrated into the designs of **technical studios** operating mainly in the **road, motorway and railway sectors**, and requiring high quality standards, such as resistance to environmental stresses and impacts, long life, reliability, ease of handling and minimal maintenance requirements.

Thanks to their **robust construction and the high-resilience steel plate**, they offer excellent performance even in areas particularly exposed to impact hazards, such as the sides of railway tracks, and are particularly suitable for integration into power distribution networks and plants, and for setting up measuring, control and signalling panels.

Choosing the Conchiglia Line **RP-CROSS** series junction boxes means opting for a product that combines **quality and Made in Italy know-how**, designed and manufactured to meet the specific needs of highly specialised sectors.

DKC Group's offer is designed to support professionals in achieving their goals by providing solutions that stand out for their **durability and high performance, even in the most challenging conditions**.

BOXES



CODE	MODEL	OVERALL DIMENSIONS			WORKING DIMENSIONS			MOUNTING	
		B	H	P	B	H	P	WALL	WITH PEDESTAL
042090001	RP15CR	397	406	119	350	390	110	•	
042090019	RPH15CR/40	397	406	254	350	390	245	•	•
042090100	RP20CR	437	456	119	390	440	110	•	
042090118	RPH20CR/40	437	456	254	390	440	245	•	•
042090209	RP25CR	487	506	119	440	490	110	•	
042090217	RPH25CR/40	487	506	254	440	490	245	•	•
042090308	RP50CR/44	437	656	209	390	640	200	•	•
042090316	RPH50CR/44	437	656	339	390	640	330	•	•
042090407	RP100CR/44	647	866	209	600	850	200	•	•
042090415	RPH100CR/44	647	866	339	600	850	330	•	•

* THE WALL MOUNTING KIT IS SUPPLIED WITH THE JUNCTION BOX

PEDESTAL



CODE	MODEL	BOX INSTALLATION	OVERALL DIMENSIONS		
			B	H	P
095731014	PT40CR	RP../40	400	598	200
095731022	PT44CR	RP../44	440	598	225

FRAME TO BE ORDERED SEPARATELY

AIR VENTS IP55



CODE	MODEL	EXECUTION
095770871	G-BAF/55	Loose
097770234	CR-EA/BAF/55	Installed

PEDESTAL FLOOR FRAME



CODE	MODEL	PEDESTAL SIZE	OVERALL DIMENSIONS		
			B	H	P
095731618	TA40CR	P. 245	410	210	20
095731626	TA44CR	P. 200-330	460	235	20

LOCKS



CODE	MODEL	DESCRIPTION
095711255	SY/21/L	Y21 loose
095711156	SY/12/L	Y12 loose
097711154	EA/SY/12/L	Y12 Installed

STEEL BOTTOM PLATES



CODE	MODEL	BOX SIZE	PLATE DIMENSIONS		
			B	H	TH.
095421004	PA/CR15	350x390	362	318	1,8
095421012	PA/CR20	390x440	412	358	1,8
095421020	PA/CR25	440x490	462	408	1,8
095421038	PA/CR50	390x640	358	612	1,8
095421046	PA/CR100	600x850	568	822	1,8

BAKELITE BOTTOM PLATES



CODE	MODEL	BOX SIZE	PLATE DIMENSIONS		
			B	H	TH.
095426003	PB/CR15	350x390	362	318	5
095426011	PB/CR20	390x440	412	358	5
095426029	PB/CR25	440x490	462	408	5
095426037	PB/CR50	390x640	358	612	5
095426045	PB/CR100	600x850	568	822	5



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