



CABLE JUNCTION BOXES

# The Hensel Box

wide range of applications - robust and solid - flexible in use

**Including  
the new  
Black Series**





## The Hensel cable junction box: A success story!

Since its founding, Gustav Hensel GmbH und Co. KG has continuously met the challenges of the times! The invention of the first cable junction box made of thermoset plastics in 1931 revolutionised an entire generation's everyday work routine: A multitude of installation tasks could be solved in a most simple method. A convenience that has become indispensable by now and the start of an unprecedented success story.

## The new Generation

We have raised the original to the next level of evolution, followed up on impulses from practical experience and rendered them in the form of new features in the ENYCASE cable junction boxes. They are the embodiment of our very own competency because our know-how flourishes particularly in demanding settings, under difficult conditions, in industry and trade.

The series of innovative and high-quality junction boxes made of state-of-the-art materials are manufactured by means of pioneering production procedures. Our products have made their case for many generations. It is our claim to always continue the development and optimise our original for you.

# Cable junction boxes from Hensel

up to 240 mm<sup>2</sup>, degree of protection IP 54-69,  
according to IEC 60 670-22

Perfect  
solutions  
for every  
application



Various cable entry - push-in and it's done



cable entry via integrated elastic membranes in box walls for fast cable entry up to degree of protection IP 66



alternatively, a cable gland can be set after removing the elastic membrane and extension ring



multi-level knockouts for cable glands in different sizes



cable entry through the bottom of the box via integrated elastic membrane

Modern terminal technology - innovative und flexible



all terminals with 2 clamping units per pole, also for flexible conductors without ferrule



box allows two terminals and different terminal positions



high-position terminals with more space for wiring



every pole allows the connection of various conductor cross sections and conductor types



Flexible fixation - equipped for every requirement



external brackets for fastening are always included



internal fixation



rear fixation

More helpful features of the Hensel Box



retaining strap prevents the lid from falling or losing



closes quickly by a quarter turn



sealable without accessories



box walls without knockouts for individual cable entries



Burning behaviour: glow wire test according to IEC 60695-2-11: up to 960 °C, flame-retardant, elf-extinguishing



## DK Cable junction boxes for normal environment and protected outdoor

Cable entry via integrated elastic membranes or metric knockouts



### System features

- Cable entry via integrated elastic membranes up to IP 66, alternatively, a cable gland can be used after removing the elastic membrane
- Multi-level knockouts for cable glands in different sizes
- Degree of protection: IP 66
- Material: polypropylene or polycarbonate

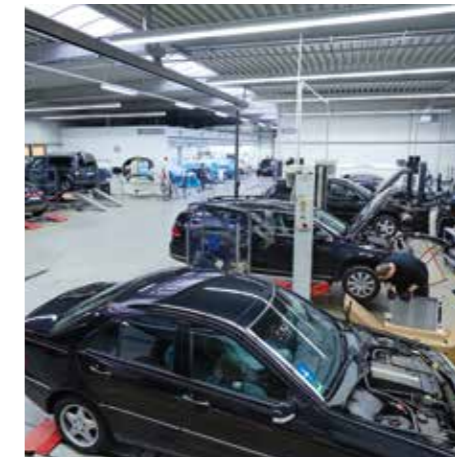


### The new Black Series



### The HENSEL-Box sets the standards!

- with / without terminals for copper conductors
- with plug-in terminals
- with terminals for aluminium and copper conductors
- for safety lighting circuits
- with terminal blocks for copper conductors
- with main line branch terminals for copper conductors



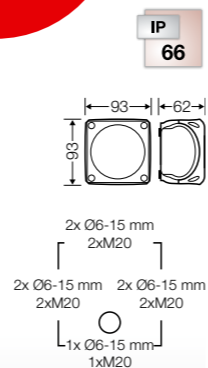
**DK Cable junction boxes**  
**For normal environment and protected outdoor**  
**Cable entry via integrated elastic membranes**



**DK 0202 B**  
**0.75-2.5 mm<sup>2</sup>, Cu 3~**

- terminal with 2 clamping units per pole
- 5-pole per pole 8 x 0,75 mm<sup>2</sup> sol / f, 6 x 1,5 mm<sup>2</sup> sol / f, 4 x 2,5 mm<sup>2</sup> sol / f, 2 x 4 mm<sup>2</sup> sol / f
- with integrated elastic membranes, which can be removed for cable entry via cable glands, sealing range 6.0-15.0 mm
- with one cable entry in the bottom, sealing range Ø 6.0-13.0 mm
- lid fasteners sealable without accessories
- retaining strap and external brackets for wall fixing included

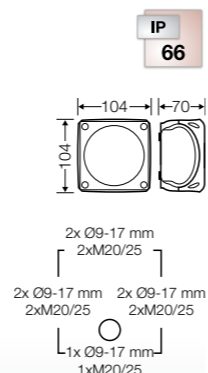
rated insulation voltage	U <sub>i</sub> = 690 V a.c./d.c.
rated current	20 A
material	PP (polypropylene)



**DK 0404 B**  
**1.5-4 mm<sup>2</sup>, Cu 3~**

- terminal with 2 clamping units per pole
- 5-pole per pole 8 x 1,5 mm<sup>2</sup> sol / f, 6 x 2,5 mm<sup>2</sup> sol / f, 4 x 4 mm<sup>2</sup> sol / f, 2 x 6 mm<sup>2</sup> sol / f
- with elastic membranes, which can be removed for cable entry via cable glands, sealing range 9.0-17.0 mm
- with one cable entry in the bottom, sealing range Ø 6.0-15.0 mm
- lid fasteners sealable without accessories
- retaining strap and external brackets for wall fixing included

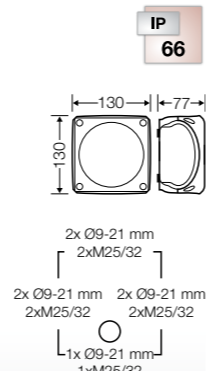
rated insulation voltage	U <sub>i</sub> = 690 V a.c./d.c.
rated current	32 A
material	PP (polypropylene)



**DK 0606 B**  
**2.5-6 mm<sup>2</sup>, Cu 3~**

- terminal with 2 clamping units per pole
- 5-pole per pole 6 x 1,5 mm<sup>2</sup> sol / f, 4 x 2,5 mm<sup>2</sup> sol / f, 4 x 4 mm<sup>2</sup> sol / f, 4 x 6 mm<sup>2</sup> sol / f, 2 x 10 mm<sup>2</sup> sol / f
- with elastic membranes, which can be removed for cable entry via cable glands, sealing range 9.0-21.0 mm
- with one cable entry in the bottom, sealing range Ø 9.0-20.0 mm
- lid fasteners sealable without accessories
- retaining strap and external brackets for wall fixing included

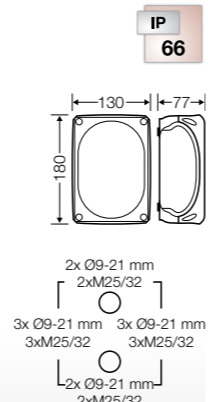
rated insulation voltage	U <sub>i</sub> = 690 V a.c./d.c.
rated current	40 A
material	PP (polypropylene)



**DK 1010 B**  
**4-10 mm<sup>2</sup>, Cu 3~**

- terminal with 2 clamping units per pole
- 5-pole per pole 6 x 2.5 mm<sup>2</sup> sol, 4 x 4 mm<sup>2</sup> sol, 4 x 6 mm<sup>2</sup> sol, 4 x 10 mm<sup>2</sup> sol, 2 x 16 mm<sup>2</sup> s
- with elastic membranes, which can be removed for cable entry via cable glands, sealing range 9.0-21.0 mm
- with two cable entries in the bottom, sealing range Ø 9.0-20.0 mm
- lid fasteners sealable without accessories
- retaining strap and external brackets for wall fixing included

rated insulation voltage	U <sub>i</sub> = 690 V a.c./d.c.
rated current	63 A
material	PP (polypropylene)



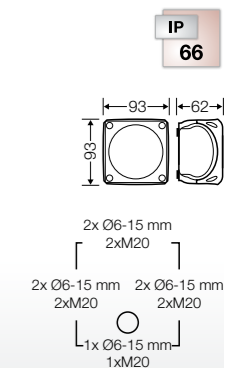
**DK Cable junction boxes**  
**For normal environment and protected outdoor**  
**Cable entry via integrated elastic membranes**



**DK 0200 B**

- without terminals
- with integrated elastic membranes, which can be removed for cable entry via cable glands, sealing range 6.0-15.0 mm
- with one cable entry in the bottom, sealing range Ø 6.0-13.0 mm
- lid fasteners sealable without accessories
- retaining strap and external brackets for wall fixing included

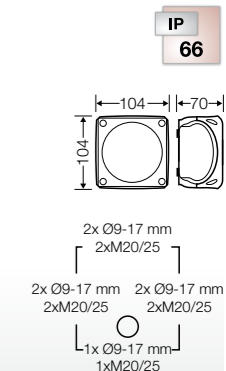
rated insulation voltage	U <sub>i</sub> = 1000 V a.c./d.c.
material	PP (polypropylene)



**DK 0400 B**

- without terminals
- with elastic membranes, which can be removed for cable entry via cable glands, sealing range 9.0-17.0 mm
- with one cable entry in the bottom, sealing range Ø 6.0-15.0 mm
- lid fasteners sealable without accessories
- retaining strap and external brackets for wall fixing included

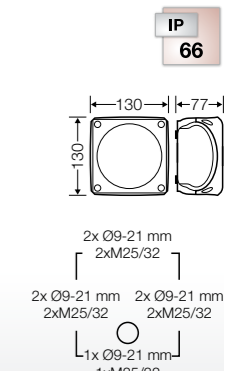
rated insulation voltage	U <sub>i</sub> = 1000 V a.c./d.c.
material	PP (polypropylene)



**DK 0600 B**

- without terminals
- with elastic membranes, which can be removed for cable entry via cable glands, sealing range 9.0-21.0 mm
- with one cable entry in the bottom, sealing range Ø 9.0-20.0 mm
- lid fasteners sealable without accessories
- retaining strap and external brackets for wall fixing included

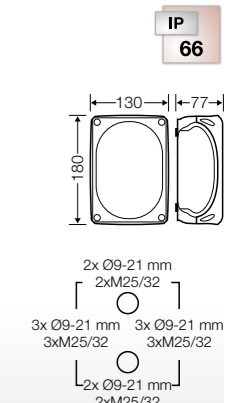
rated insulation voltage	U <sub>i</sub> = 1000 V a.c./d.c.
material	PP (polypropylene)



**DK 1000 B**

- without terminals
- with elastic membranes, which can be removed for cable entry via cable glands, sealing range 9.0-21.0 mm
- with two cable entries in the bottom, sealing range Ø 9.0-20.0 mm
- lid fasteners sealable without accessories
- retaining strap and external brackets for wall fixing included

rated insulation voltage	U <sub>i</sub> = 1000 V a.c./d.c.
material	PP (polypropylene)



Accessories



Cable retention via retention rings for cables

## KF Cable junction boxes „weatherproof“, for outdoor installation

Cable entry via metric knockouts



### System features

- VDE approved, DNV GL - Certificate, Russian Maritime Register of Shipping
- Degree of protection IP 66 / IP 67 / IP 69 with cable glands, for temporary submersion and direct blasting with a high-pressure cleaner
- Weatherproof: UV resistant, rainproof, temperature resistant
- Material: polycarbonate



## WP Cable junction boxes „waterproof“, for encapsulating

for outdoor installation and use in harsh environmental conditions with risk of condensation and ingress of water as well as for installation in the ground without traffic loads.

### Applications

- Pump shafts
- Ground-level installation ducts in outdoor areas
- Flood areas close to rivers
- Unprotected outdoor installations which are in close proximity to the ground

### System features

- Cable entry via metric knockouts
- Degree of protection IP 68, submersion up to 20 meter, 168 hours
- Sealing compound always fits to the product:  
The amount of sealing compound always fits to the product - never too much or too little material in the processing.
- Measurement and re-installation:  
The lid can be removed to measure electrical voltage.
- Material: polycarbonate



## FK Cable junction boxes approved for intrinsic fire resistance and insulation integrity

Cable entry via metric knockouts

### System features

- Intrinsic fire resistance E30-E90 according to DIN 4102 Part 12 (German standard) together with function-retaining cables
- Insulation integrity PH120 according to BS EN 50200 in combination with insulation retaining cables
- Degree of protection IP 66
- Multi-level knockouts for cable glands in different sizes
- Material: polycarbonate

High-temperature-resistant ceramic terminal

E30  
E60  
E90

PH120







## The right cable entry for every box

System tested and ready for immediate use!



Use the high-quality cable entries from Hensel and rely on tested system solutions

- large selection of grommets and cable glands
- degree of protection tests IP 31 - IP 69
- locknut and necessary sealing rings are always included
- colours: grey, black and orange

## Pipe / pole mounting kits for enclosures

Professional mounting of enclosures to large diameter pipes and poles



**Pipe and pole mounting solutions make installations easy, safe and flexible!**

- for mounting installation enclosures on pipes/poles via clamps and screws.
- clamps and screws included
- clamping range 60 to 150 mm
- easy installation: mounting holes with pre-cut M4 threads
- material: stainless steel V2A
- for cable junction boxes, KV small-type distribution boards and Mi enclosures

**Gustav Hensel GmbH & Co. KG**  
Electrical installation and distribution systems

Altenhudem  
Gustav-Hensel-Strasse 6  
57368 Lennestadt  
Germany

Telephone: + 49 (0) 2723/609-0  
Telefax: + 49 (0) 2723/60052  
E-mail: [info@hensel-electric.de](mailto:info@hensel-electric.de)  
[www.hensel-electric.de](http://www.hensel-electric.de)



 made in **GERMANY**  
since 1931