



PASSION FOR POWER.

DK Cable junction boxes

The new Hensel Box

wide range of applications. ■ robust and solid. ■ flexible in use. ■



For more information see www.hensel-electric.de

ENYCASE®

HENSEL

GROUND-BREAKING SEAL.

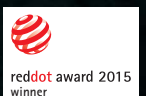
- "Push it in and it's sealed" with IP 66 degree of protection
- Removable membrane for alternative cable entry via glands



The new Hensel box

More informationen at www.hensel-electric.de/en

ENYCASE®





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.





hensel[®]

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



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

Modern terminal technology innovative und flexible



- more space for wiring
- different terminal positions
- box allows two terminals
- all terminals with 2 clamping units per pole
- every pole allows the connection of various conductor cross sections and conductor types

Lots of accessories perfectly included



- retaining strap prevents the lid from falling or losing



- external brackets for fastening are always included



- closes quickly by a quarter turn
- label template on the Internet at www.hensel-electric.de - download area



DK Cable junction boxes for normal environment and protected outdoor

Cable entry via integrated elastic membranes
or metric knockouts



With / without terminals for copper conductors

	Design	Type
	0.75 - 2.5 mm ²	DK 0202 G 93x93x62
		DK 0402 G 104x104x70
	1.5 - 4 mm ²	DK 0404 G 104x104x70
		DK 0604 G 130x130x77
	2.5 - 6 mm ²	DK 0606 G 130x130x77
		DK 1006 G 180x130x77
	4 - 10 mm ²	DK 1010 G 180x130x77
		DK 1610 G 210x155x92
	10 - 16 mm ²	DK 1616 G 210x155x92
	10 - 25 mm ²	DK 2525 G 255x205x112
	16 - 35 mm ²	DK 3535 G 295x225x122
	16 - 50 mm ²	DK 5054 G 355x255x122
		DK 5055 G 355x255x122
	without terminal	DK 0200 G 93x93x62
		DK 0400 G 104x104x70
		DK 0600 G 130x130x77
		DK 1000 G 180x130x77
		DK 1600 G 210x155x92
		DK 2500 G 255x205x112
		DK 3500 G 295x225x122
		DK 5000 G 355x255x122

With main line branch terminals for copper conductors

	Design	Type
	6 - 25 mm ²	DK 2524 S 255x205x112
	6 - 25 mm ²	DK 3525 S 295x225x122
	6 - 35 mm ²	DK 3534 S 295x225x122
	6 - 35 mm ²	DK 5035 S 355x255x122

With terminals for aluminium and copper conductors

	Design	Type
	1.5 - 2.5 mm ²	DK 0402 A 104x104x70
	1.5 - 4 mm ²	DK 0604 A 130x130x77
	6 - 16 mm ²	DK 2516 A 255x205x112
	1.5 - 50 mm ²	DK 3550 A 295x225x122
	1.5 - 50 mm ²	KF 5050 A 355x255x122

For safety lighting circuits

	Design	Type
	without terminal	DK 0200 R 93x93x62
	0.75 - 2.5 mm ²	DK 0202 R 93x93x62
		DK 0402 R 104x104x70
	without terminal	DK 0400 R 104x104x70
	1.5 - 4 mm ²	DK 0404 R 104x104x70
		DK 0604 R 130x130x77

With terminal blocks for copper conductors

	Design	Type
	0.75 - 2.5 mm ² 3 terminal blocks	RK 0203 T 93x93x62
	0.75 - 2.5 mm ² 5 terminal blocks	RK 0205 T 93x93x62
	0.75 - 2.5 mm ² 7 terminal blocks	RK 0207 T 93x93x62
	0.75 - 4 mm ² 5 terminal blocks	RK 0405 T 104x104x70
	0.75 - 4 mm ² 10 terminal blocks	RK 0610 T 130x130x77
	0.75 - 4 mm ² 12 terminal blocks	RK 0612 T 130x130x77
	0.75 - 4 mm ² 14 terminal blocks	RK 0614 T 130x130x77
	0.75 - 4 mm ² 19 terminal blocks	RK 1019 T 180x130x77
	0.75 - 4 mm ² 24 terminal blocks	RK 1024 T 180x130x77

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
- Burning behaviour: glow wire test according to IEC 60695-2-11: 750 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035



DK Cable junction boxes

**"weatherproof",
for outdoor installation**

Cable entry via metric knockouts



"Weatherproof", for outdoor installation

	Design	Type
	0.75 - 2.5 mm²	KF 0202 G 93x93x62
		KF 0402 G 104x104x70
	1.5-4 mm²	KF 0404 G 104x104x70
		KF 0604 G 130x130x77
	2.5-6 mm²	KF 0606 G 130x130x77
		KF 1006 G 180x130x77
	4-10 mm²	KF 1010 G 180x130x77
		KF 1610 G 210x155x92
	6-16 mm²	KF 1616 G 210x155x92
	10-25 mm²	KF 2525 G 255x205x112
	16-35 mm²	KF 3535 G 295x225x122
	16-50 mm²	KF 5050 G 355x255x122
	without terminal	KF 0200 G 93x93x62
		KF 0400 G 104x104x70
		KF 0600 G 130x130x77
		KF 1000 G 180x130x77
		KF 1600 G 210x155x92
		KF 2500 G 255x205x112
		KF 3500 G 295x225x122
		KF 5000 G 355x255x122
0.75-2.5 mm²	KF 0202 B 93x93x62	
	KF 0402 B 104x104x70	
1.5-4 mm²	KF 0404 B 104x104x70	
	KF 0604 B 130x130x77	
2.5-6 mm²	KF 0606 B 130x130x77	
	KF 1006 B 180x130x77	
4-10 mm²	KF 1010 B 180x130x77	
	KF 1610 B 210x155x92	
6-16 mm²	KF 1616 B 210x155x92	
10-25 mm²	KF 2525 B 255x205x112	
16-35 mm²	KF 3535 B 295x225x122	
16-50 mm²	KF 5050 B 355x255x122	

Design	Type
without terminal	KF 0200 B 93x93x62
	KF 0400 B 104x104x70
	KF 0600 B 130x130x77
	KF 1000 B 180x130x77
	KF 1600 B 210x155x92
	KF 2500 B 255x205x112
	KF 3500 B 295x225x122
	KF 5000 B 355x255x122
without knockouts	KF 0200 H 93x93x62
	KF 0400 H 104x104x70
	KF 0600 H 130x130x77
	KF 1000 H 180x130x77
	KF 1600 H 210x155x92
	KF 2500 H 255x205x112
	KF 3500 H 295x225x122
	KF 5000 H 355x255x122
without knockouts	KF 0200 C 93x93x62
	KF 0400 C 104x104x70
	KF 0600 C 130x130x77
	KF 1000 C 180x130x77
	KF 1600 C 210x155x92
	KF 2500 C 255x205x112
	KF 3500 C 295x225x122
	KF 5000 C 355x255x122

System features

- VDE approved, DNV GL - Certificate-No.: TAE00000EE, Russian Maritime Register of Shipping, Documentation-No. 250-A-1180-108795
- Degree of protection IP 66 / IP 67 / IP 69 with cable glands, for temporary submersion
- Halogen-free: low toxicity, low fume development
- Weatherproof: UV resistant, rainproof, temperature resistant

- Material: PC-GFS polycarbonate
- Burning behaviour: glow wire test according to IEC 60695-2-11: 960 °C, flame-retardant, self-extinguishing
- Colour: grey, RAL 7035 or black, RAL 9011



DK Cable junction boxes
„waterproof“,
for encapsulating
Cable entry via metric knockouts



"Waterproof", for encapsulating

	Design	Type
	0.75-2.5 mm ²	WP 0202 G 93x93x62 WP 0402 G 104x104x70
	1.5-4 mm ²	WP 0404 G 104x104x70 WP 0604 G 130x130x77
	2.5-6 mm ²	WP 0606 G 130x130x77 WP 1006 G 180x130x77
	4-10 mm ²	WP 1010 G 180x130x77
	0.75-2.5 mm ²	WP 0202 B 93x93x62 WP 0402 B 104x104x70
	1.5-4 mm ²	WP 0404 B 104x104x70 WP 0604 B 130x130x77
	2.5-6 mm ²	WP 0606 B 130x130x77 WP 1006 B 180x130x77
	4-10 mm ²	WP 1010 B 180x130x77



System features

- 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.
In case of re-installation the sealing compound can be removed easily.

- Material: PC-GFS polycarbonate
- Burning behaviour:
glow wire test according to IEC 60695-2-11: 960 °C,
flame-retardant, self-extinguishing
- Colour: grey, RAL 7035 or black, RAL 9011



DK Cable junction boxes
tested for intrinsic fire resistance
Cable entry via metric knockouts



Tested for insulation integrity PH120 and intrinsic fire resistance E30/E60/E90



Design	Type
1.5-2.5 mm²	FK 0402 104x104x70
1.5-4 mm²	FK 0404 104x104x70
1.5-6 mm²	FK 0604 130x130x77
1.5-6 mm²	FK 0606 130x130x77
1.5-10 mm²	FK 1610 210x155x92
1.5-16 mm²	FK 1616 210x155x92
1.5-6 mm²	FK 1606 210x155x92
1.5-2.5 mm²	FK 1608 210x155x92



System features

E30
E60
E90

PH120

- 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
 - Included screw anchors, connecting terminal made from ceramic with resistance to high temperatures E30 - E90 and cable entries as standard
- Multi-level knockouts for cable glands in different sizes
 - Material: PC-GFS polycarbonate
 - Colour: orange RAL 2003



Model	Present types	New types
1.5-2.5 mm ²	D 9025, D 9125	DK 0202 G
		DK 0402 G*
1.5-4 mm ²	D 9045	DK 0404 G
		DK 0604 G*
2.5-6 mm ²	K 9065	DK 0606 G
		DK 1006 G*
4-10 mm ²	K 9105	DK 1010 G
		DK 1610 G*
10-16 mm ²	---	DK 1616 G
10-25 mm ²	K 9255	DK 2525 G
16-35 mm ²	K 9355	DK 3535 G
	K 9502	---
16-50 mm ²	K 9504	DK 5054 G
16-50 mm ²	K 9505	DK 5055 G


without
terminal

D 9020 D 9120	DK 0200 G
D 9040 D 9140	DK 0400 G
K 9060	DK 0600 G
K 9100	DK 1000 G
---	DK 1600 G
K 9250	DK 2500 G
K 9350	DK 3500 G
K 9500	DK 5000 G

for copper conductors



Model	Present types	New types
without terminal	D 9220	DK 0200 R
1.5-2.5 mm ²	D 9225	DK 0202 R
		DK 0402 R*
without terminal	D 9240	DK 0400 R
1.5-4 mm ²	D 9245	DK 0404 R
		DK 0604 R*

for safety
lighting
circuits


Model	Present types	New types
1.5-2.5 mm ²	D 9041	DK 0402 A
1.5-4 mm ²	K 9061	DK 0604 A
6-16 mm ²	K 9351	DK 2516 A
1.5-50 mm ²	KF 9251	KF 3550 A
1.5-50 mm ²	KF 9501	KF 5050 A

for Alu-
conduc-
tors

*larger enclosure with more space for wiring



Model	Present types	New types
6-25 mm ²	K 9259	DK 2524 S
6-25 mm ²	K 9258	DK 3525 S
6-35 mm ²	K 9509	DK 3534 S
6-35 mm ²	K 9507	DK 5035 S
6-25 mm ²	K 9508	---
6-25 mm ²	K 9503	---

with main line
branch
terminals



Model	Present types	New types
1.5-2,5 mm ²	RD 9123	RK 0203 T
	RD 9125	RK 0205 T
	RD 9127	RK 0207 T
1.5-4 mm ²	RD 9045	RK 0405 T
	RD 9041	RK 0610 T
	RK 9062	RK 0612 T
	RK 9064	RK 0614 T
	RK 9109	RK 1019 T
	RK 9104	RK 1024 T

with
terminal
blocks



Model	Present types	New types
1.5-2,5 mm ²	FK 7045	FK 0402
1.5-4 mm ²		FK 0404
1.5-6 mm ²	FK 7105	FK 0604
1,5-6 mm ²		FK 0606
1.5-10 mm ²		FK 1610
1.5-16 mm ²	FK 7165	FK 1616
1.5-6 mm ²	---	FK 1606
1.5-2.5 mm ²	---	FK 1608

tested for insu-
lation integrity
and intrinsic
fire resistance

	Model	Present types	New types
	1.5-2.5 mm ²	KF 9025	KF 0202 G KF 0402 G*
	1.5-4 mm ²	KF 9045	KF 0404 G KF 0604 G*
	2.5-6 mm ²	KF 9065	KF 0606 G KF 1006 G*
	4-10 mm ²	KF 9105	KF 1010 G KF 1610 G*
	6-16 mm ²	---	KF 1616 G
	10-25 mm ²	KF 9255	KF 2525 G
	16-35 mm ²	KF 9355	KF 3535 G
	16-50 mm ²	KF 9505	KF 5050 G
	without terminal	KF 9020	KF 0200 G
		KF 9040	KF 0400 G
		KF 9060	KF 0600 G
		KF 9100	KF 1000 G
		---	KF 1600 G
		KF 9250	KF 2500 G
		KF 9350	KF 3500 G
		KF 9500	KF 5000 G
	1.5-2.5 mm ²	KF 5025, KD 5025 KD 5125	KF 0202 B KF 0402 B*
	1.5-4 mm ²	KF 5045 KD 5045	KF 0404 B KF 0604 B*
	2.5-6 mm ²	KF 5065 KD 5065	KF 0606 B KF 1006 B*
	4-10 mm ²	KF 5105 KD 5105	KF 1010 B KF 1610 B*
	6-16 mm ²	---	KF 1616 B
	10-25 mm ²	KF 5255 KD 5255	KF 2525 B
	16-35 mm ²	KF 5355 KD 5355	KF 3535 B
	16-50 mm ²	KF 5505	KF 5050 B
	without terminal	KF 5020, KD 5020, KD 5120	KF 0200 B
		KF 5040 KD 5040	KF 0400 B
		KF 5060 KD 5060	KF 0600 B
		KF 5100 KD 5100	KF 1000 B
		---	KF 1600 B
		KF 5250 KD 5250	KF 2500 B
		KF 5350 KD 5350	KF 3500 B
		KF 5500	KF 5000 B

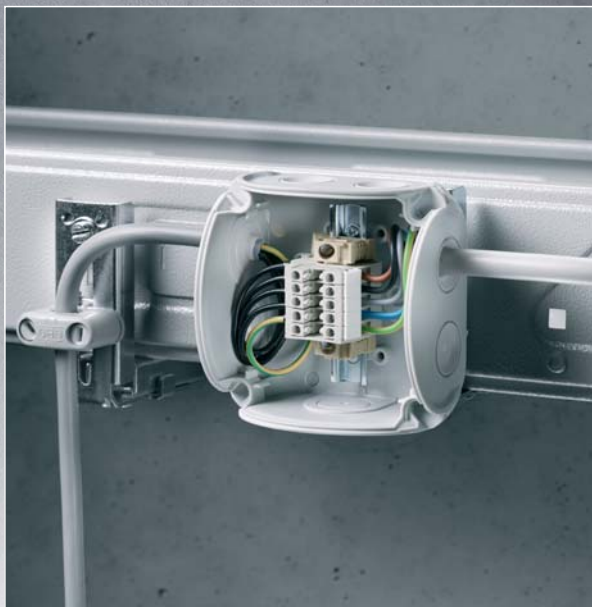
**”weatherproof“,
for outdoor installation**

*larger enclosure with more space for wiring

	Model	Present types	New types	"weatherproof", for outdoor installation
	without knockouts	KF 8020	KF 0200 H	
		KF 8040	KF 0400 H	
		KF 8060	KF 0600 H	
		KF 8100	KF 1000 H	
		---	KF 1600 H	
		KF 8250	KF 2500 H	
		KF 8350	KF 3500 H	
		KF 8500	KF 5000 H	
	without knockouts	KF 4020, KD 4020, KD 4120	KF 0200 C	
		KF 4040 KD 4040	KF 0400 C	
		KF 4060 KD 4060	KF 0600 C	
		KF 4100 KD 4100	KF 1000 C	
		---	KF 1600 C	
		KF 4250 KD 4250	KF 2500 C	
		KF 4350 KD 4350	KF 3500 C	
		KF 4500	KF 5000 C	

	Model	Present types	New types	"waterproof", for encapsulating
	1.5-2,5 mm²	KF WP 3025	WP 0202 G WP 0402 G*	
	1,5-4 mm²	KF WP 3045	WP 0404 G WP 0604 G*	
	2.5-6 mm²	KF WP 3065	WP 0606 G WP 1006 G*	
	4-10 mm²	KF WP 3105	WP 1010 G	
	1.5-2,5 mm²	KF WP 2025	WP 0202 B WP 0402 B*	
	1.5-4 mm²	KF WP 2045	WP 0404 B WP 0604 B*	
	2.5-6 mm²	KF WP 2065	WP 0606 B WP 1006 B*	
	4-10 mm²	KF WP 2105	WP 1010 B	

*larger enclosure with more space for wiring

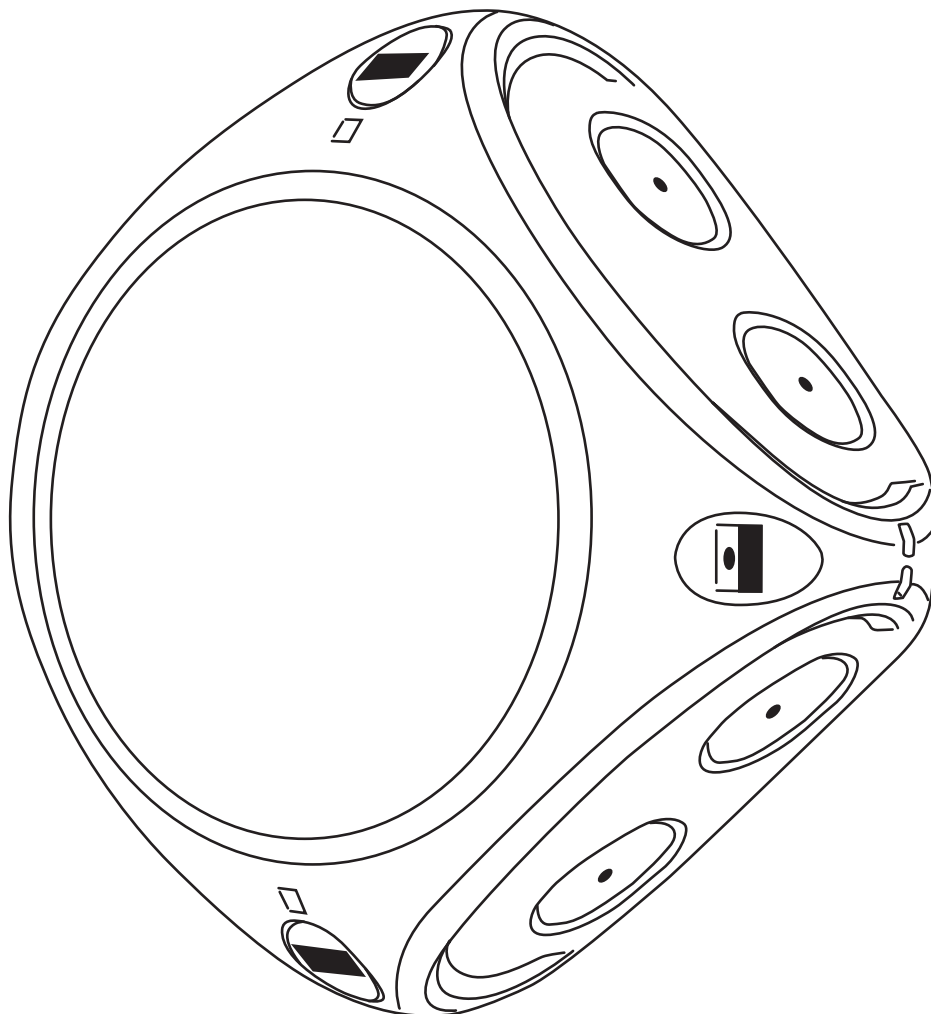




ENVYCASE®

**Perfect solutions
for every application**





Gustav Hensel GmbH & Co. KG
Gustav-Hensel-Str. 6
D-57368 Lennestadt, Germany
Phone: +49 (0) 27 23-609-0
Fax: +49 (0) 27 23-600-52

E-Mail: info@hensel-electric.de
www.hensel-electric.de