



PASSION FOR POWER.

# DK Cable junction boxes

## The new Hensel Box

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



Fore more information see [www.hensel-ks.co.uk](http://www.hensel-ks.co.uk)

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](http://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.





ENYCES<sup>®</sup>

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

## With main line branch terminals for copper conductors

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

## With terminals for aluminium and copper conductors

Design	Type
6 - 16 mm <sup>2</sup>	<b>DK 2516 A</b> 255x205x112
1.5 - 50 mm <sup>2</sup>	<b>DK 3550 A</b> 295x225x122
1.5 - 50 mm <sup>2</sup>	<b>KF 5050 A</b> 355x255x122

## For safety lighting circuits

Design	Type
without terminal	<b>DK 0200 R</b> 93x93x62
0.75 - 2,5 mm <sup>2</sup>	<b>DK 0202 R</b> 93x93x62
	<b>DK 0402 R</b> 104x104x70
without terminal	<b>DK 0400 R</b> 104x104x70
1.5 - 4 mm <sup>2</sup>	<b>DK 0404 R</b> 104x104x70
	<b>DK 0604 R</b> 130x130x77

## With terminal blocks for copper conductors

Design	Type
0.75 - 2.5 mm <sup>2</sup> 3 terminal blocks	<b>RK 0203 T</b> 93x93x62
0.75 - 2.5 mm <sup>2</sup> 5 terminal blocks	<b>RK 0205 T</b> 93x93x62
0.75 - 2.5 mm <sup>2</sup> 7 terminal blocks	<b>RK 0207 T</b> 93x93x62
0.75 - 4 mm <sup>2</sup> 5 terminal blocks	<b>RK 0405 T</b> 104x104x70
0.75 - 4 mm <sup>2</sup> 10 terminal blocks	<b>RK 0610 T</b> 130x130x77
0.75 - 4 mm <sup>2</sup> 12 terminal blocks	<b>RK 0612 T</b> 130x130x77
0.75 - 4 mm <sup>2</sup> 14 terminal blocks	<b>RK 0614 T</b> 130x130x77
0.75 - 4 mm <sup>2</sup> 19 terminal blocks	<b>RK 1019 T</b> 180x130x77
0.75 - 4 mm <sup>2</sup> 24 terminal blocks	<b>RK 1024 T</b> 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 mm <sup>2</sup>	<b>KF 0202 G</b> 93x93x62	
	<b>KF 0402 G</b> 104x104x70	
1.5-4 mm <sup>2</sup>	<b>KF 0404 G</b> 104x104x70	
	<b>KF 0604 G</b> 130x130x77	
2.5-6 mm <sup>2</sup>	<b>KF 0606 G</b> 130x130x77	
	<b>KF 1006 G</b> 180x130x77	
4-10 mm <sup>2</sup>	<b>KF 1010 G</b> 180x130x77	
	<b>KF 1610 G</b> 210x155x92	
6-16 mm <sup>2</sup>	<b>KF 1616 G</b> 210x155x92	
10-25 mm <sup>2</sup>	<b>KF 2525 G</b> 255x205x112	
16-35 mm <sup>2</sup>	<b>KF 3535 G</b> 295x225x122	
16-50 mm <sup>2</sup>	<b>KF 5050 G</b> 355x255x122	
without terminal	<b>KF 0200 G</b> 93x93x62	
	<b>KF 0400 G</b> 104x104x70	
	<b>KF 0600 G</b> 130x130x77	
	<b>KF 1000 G</b> 180x130x77	
	<b>KF 1600 G</b> 210x155x92	
	<b>KF 2500 G</b> 255x205x112	
	<b>KF 3500 G</b> 295x225x122	
	<b>KF 5000 G</b> 355x255x122	
	0.75-2.5 mm <sup>2</sup>	<b>KF 0202 B</b> 93x93x62
		<b>KF 0402 B</b> 104x104x70
1.5-4 mm <sup>2</sup>	<b>KF 0404 B</b> 104x104x70	
	<b>KF 0604 B</b> 130x130x77	
2.5-6 mm <sup>2</sup>	<b>KF 0606 B</b> 130x130x77	
	<b>KF 1006 B</b> 180x130x77	
4-10 mm <sup>2</sup>	<b>KF 1010 B</b> 180x130x77	
	<b>KF 1610 B</b> 210x155x92	
6-16 mm <sup>2</sup>	<b>KF 1616 B</b> 210x155x92	
10-25 mm <sup>2</sup>	<b>KF 2525 B</b> 255x205x112	
16-35 mm <sup>2</sup>	<b>KF 3535 B</b> 295x225x122	
16-50 mm <sup>2</sup>	<b>KF 5050 B</b> 355x255x122	



Design	Type	
without terminal	<b>KF 0200 B</b> 93x93x62	
	<b>KF 0400 B</b> 104x104x70	
	<b>KF 0600 B</b> 130x130x77	
	<b>KF 1000 B</b> 180x130x77	
	<b>KF 1600 B</b> 210x155x92	
	<b>KF 2500 B</b> 255x205x112	
	<b>KF 3500 B</b> 295x225x122	
	<b>KF 5000 B</b> 355x255x122	
	without knockouts	<b>KF 0200 H</b> 93x93x62
		<b>KF 0400 H</b> 104x104x70
<b>KF 0600 H</b> 130x130x77		
<b>KF 1000 H</b> 180x130x77		
<b>KF 1600 H</b> 210x155x92		
<b>KF 2500 H</b> 255x205x112		
<b>KF 3500 H</b> 295x225x122		
<b>KF 5000 H</b> 355x255x122		
without knockouts		<b>KF 0200 C</b> 93x93x62
		<b>KF 0400 C</b> 104x104x70
	<b>KF 0600 C</b> 130x130x77	
	<b>KF 1000 C</b> 180x130x77	
	<b>KF 1600 C</b> 210x155x92	
	<b>KF 2500 C</b> 255x205x112	
	<b>KF 3500 C</b> 295x225x122	
	<b>KF 5000 C</b> 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 <sup>2</sup>	<b>WP 0202 G</b> 93x93x62
		<b>WP 0402 G</b> 104x104x70
	1.5-4 mm <sup>2</sup>	<b>WP 0404 G</b> 104x104x70
		<b>WP 0604 G</b> 130x130x77
		<b>WP 0606 G</b> 130x130x77
	2.5-6 mm <sup>2</sup>	<b>WP 1006 G</b> 180x130x77
		<b>WP 1010 G</b> 180x130x77
	0.75-2.5 mm <sup>2</sup>	<b>WP 0202 B</b> 93x93x62
		<b>WP 0402 B</b> 104x104x70
	1.5-4 mm <sup>2</sup>	<b>WP 0404 B</b> 104x104x70
		<b>WP 0604 B</b> 130x130x77
		<b>WP 0606 B</b> 130x130x77
	2.5-6 mm <sup>2</sup>	<b>WP 1006 B</b> 180x130x77
		<b>WP 1010 B</b> 180x130x77
	4-10 mm <sup>2</sup>	



## 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 mm <sup>2</sup>	<b>FK 0402</b> 104x104x70
	1.5-4 mm <sup>2</sup>	<b>FK 0404</b> 104x104x70
	1.5-6 mm <sup>2</sup>	<b>FK 0604</b> 130x130x77
	1.5-6 mm <sup>2</sup>	<b>FK 0606</b> 130x130x77
	1.5-10 mm <sup>2</sup>	<b>FK 1610</b> 210x155x92
	1.5-16 mm <sup>2</sup>	<b>FK 1616</b> 210x155x92
	1.5-6 mm <sup>2</sup>	<b>FK 1606</b> 210x155x92
	1.5-2.5 mm <sup>2</sup>	<b>FK 1608</b> 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	for copper conductors
	1.5-2.5 mm <sup>2</sup>	D 9025, D 9125	DK 0202 G DK 0402 G*	
	1.5-4 mm <sup>2</sup>	D 9045	DK 0404 G DK 0604 G*	
	2.5-6 mm <sup>2</sup>	K 9065	DK 0606 G DK 1006 G*	
	4-10 mm <sup>2</sup>	K 9105	DK 1010 G DK 1610 G*	
	10-16 mm <sup>2</sup>	---	DK 1616 G	
	10-25 mm <sup>2</sup>	K 9255	DK 2525 G	
	16-35 mm <sup>2</sup>	K 9355	DK 3535 G	
		K 9502	---	
	16-50 mm <sup>2</sup>	K 9504	DK 5054 G	
	16-50 mm <sup>2</sup>	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	

	Model	Present types	New types	for safety lighting circuits
	without terminal	D 9220	DK 0200 R	
	1.5-2.5 mm <sup>2</sup>	D 9225	DK 0202 R DK 0402 R*	
			DK 0400 R	
	without terminal	D 9240	DK 0400 R	
	1.5-4 mm <sup>2</sup>	D 9245	DK 0404 R DK 0604 R*	
			DK 0604 R*	

	Model	Present types	New types	for Alu-conductors
	6-16 mm <sup>2</sup>	K 9351	DK 2516 A	
	1.5-50 mm <sup>2</sup>	KF 9251	KF 3550 A	
	1.5-50 mm <sup>2</sup>	KF 9501	DK 2516 A KF 3550 A	
			KF 5050 A	

\*larger enclosure with more space for wiring



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

with main line  
branch  
terminals



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

with  
terminal  
blocks



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



tested for insu-  
lation integrity  
and intrinsic  
fire resistance



	Model	Present types	New types
	1.5-2.5 mm <sup>2</sup>	KF 9025	<b>KF 0202 G</b> <b>KF 0402 G*</b>
	1.5-4 mm <sup>2</sup>	KF 9045	<b>KF 0404 G</b> <b>KF 0604 G*</b>
	2.5-6 mm <sup>2</sup>	KF 9065	<b>KF 0606 G</b> <b>KF 1006 G*</b>
	4-10 mm <sup>2</sup>	KF 9105	<b>KF 1010 G</b> <b>KF 1610 G*</b>
	6-16 mm <sup>2</sup>	---	<b>KF 1616 G</b>
	10-25 mm <sup>2</sup>	KF 9255	<b>KF 2525 G</b>
	16-35 mm <sup>2</sup>	KF 9355	<b>KF 3535 G</b>
	16-50 mm <sup>2</sup>	KF 9505	<b>KF 5050 G</b>
		KF 9020	<b>KF 0200 G</b>
		KF 9040	<b>KF 0400 G</b>
		KF 9060	<b>KF 0600 G</b>
	without terminal	KF 9100	<b>KF 1000 G</b>
		---	<b>KF 1600 G</b>
		KF 9250	<b>KF 2500 G</b>
		KF 9350	<b>KF 3500 G</b>
		KF 9500	<b>KF 5000 G</b>
	1.5-2.5 mm <sup>2</sup>	KF 5025, KD 5025 KD 5125	<b>KF 0202 B</b> <b>KF 0402 B*</b>
	1.5-4 mm <sup>2</sup>	KF 5045 KD 5045	<b>KF 0404 B</b> <b>KF 0604 B*</b>
	2.5-6 mm <sup>2</sup>	KF 5065 KD 5065	<b>KF 0606 B</b> <b>KF 1006 B*</b>
	4-10 mm <sup>2</sup>	KF 5105 KD 5105	<b>KF 1010 B</b> <b>KF 1610 B*</b>
	6-16 mm <sup>2</sup>	---	<b>KF 1616 B</b>
	10-25 mm <sup>2</sup>	KF 5255 KD 5255	<b>KF 2525 B</b>
	16-35 mm <sup>2</sup>	KF 5355 KD 5355	<b>KF 3535 B</b>
	16-50 mm <sup>2</sup>	KF 5505	<b>KF 5050 B</b>
		KF 5020, KD 5020, KD 5120	<b>KF 0200 B</b>
		KF 5040 KD 5040	<b>KF 0400 B</b>
		KF 5060 KD 5060	<b>KF 0600 B</b>
	without terminal	KF 5100 KD 5100	<b>KF 1000 B</b>
		---	<b>KF 1600 B</b>
		KF 5250 KD 5250	<b>KF 2500 B</b>
		KF 5350 KD 5350	<b>KF 3500 B</b>
		KF 5500	<b>KF 5000 B</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	<b>KF 0200 H</b>	
		KF 8040	<b>KF 0400 H</b>	
		KF 8060	<b>KF 0600 H</b>	
		KF 8100	<b>KF 1000 H</b>	
		---	<b>KF 1600 H</b>	
		KF 8250	<b>KF 2500 H</b>	
		KF 8350	<b>KF 3500 H</b>	
		KF 8500	<b>KF 5000 H</b>	
	without knockouts	KF 4020, KD 4020, KD 4120	<b>KF 0200 C</b>	
		KF 4040, KD 4040	<b>KF 0400 C</b>	
		KF 4060, KD 4060	<b>KF 0600 C</b>	
		KF 4100, KD 4100	<b>KF 1000 C</b>	
		---	<b>KF 1600 C</b>	
		KF 4250, KD 4250	<b>KF 2500 C</b>	
		KF 4350, KD 4350	<b>KF 3500 C</b>	
		KF 4500	<b>KF 5000 C</b>	

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

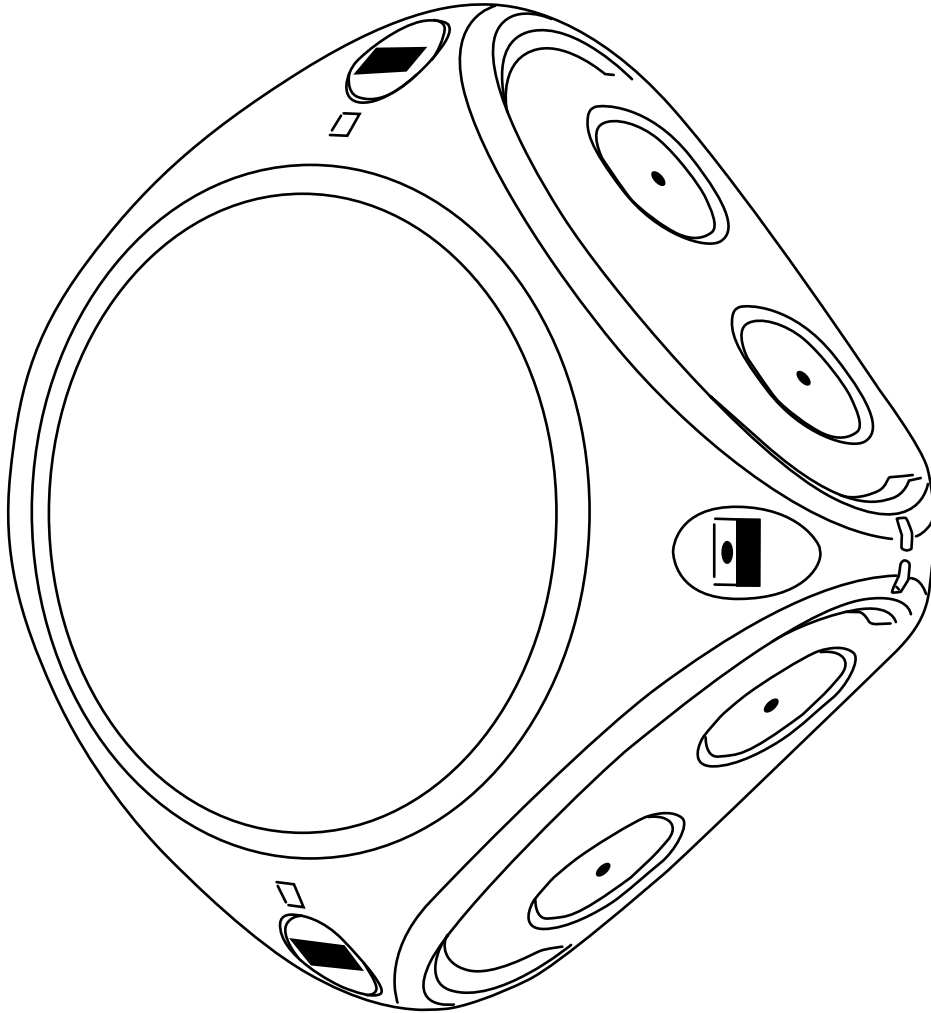
\*larger enclosure with more space for wiring



# ENYCASE®

Perfect solutions  
for every application





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