

# KEL-DPU 24

Heavy-duty cable entry plates with high strain relief



Also available in black.



Also available with threaded bushings.



Tool-free assembly possible due to snap-in function

## Product description

KEL-DPU entry plates are designed to route and seal cables without connectors (from 3.2 mm to 20.5 mm in diameter) in limited space with IP65 / IP66 / up to NEMA type 4X ratings.

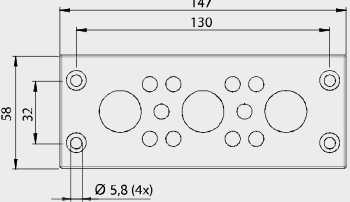
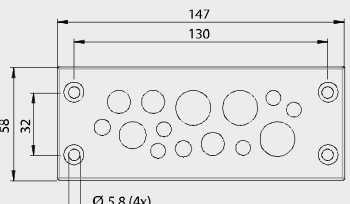
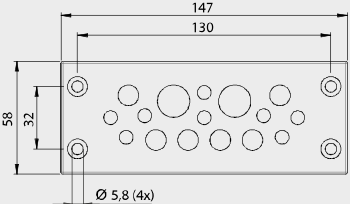
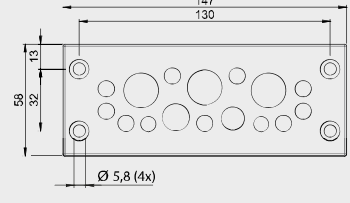
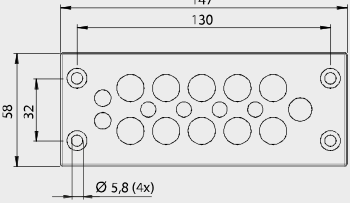
The KEL-DPU is particularly characterised by its solid robust frame and the increased strain relief of the routed cables.

The KEL-DPU 24 matches exactly the cut-out dimensions of 24-pin standard industrial connectors. For optional screw assembly just pierce the membranes on the integrated screw holes with the screw itself.

The assembly of the KEL-DPU with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane and push the cables through.

ST-B Plugs can be used for sealing pierced membranes if cables have been removed.



Description	Type	Order No.	Number of cables	PU
	KEL-DPU 24 13	<input type="checkbox"/> 43940 <input checked="" type="checkbox"/> 50940	10× 3.2 - 6.3 mm 3× 16 - 20.5 mm	10
	<b>NEW</b> KEL-DPU 24 14	<input type="checkbox"/> 43944 <input checked="" type="checkbox"/> 50944	5× 3.2 - 6.3 mm 2× 4 - 7.5 mm 3× 5.5 - 10.5 mm 1× 8 - 12.5 mm 3× 12 - 16.2 mm	10
	KEL-DPU 24 16	<input type="checkbox"/> 43936 <input checked="" type="checkbox"/> 50936	8× 3.2 - 5.5 mm 6× 5 - 8.5 mm 2× 9.5 - 14.5 mm	10
	KEL-DPU 24 16-1	<input type="checkbox"/> 43932 <input checked="" type="checkbox"/> 50932	2× 3.2 - 6.3 mm 9× 4 - 7.5 mm 1× 5.5 - 10.5 mm 1× 8 - 12.5 mm 3× 12 - 16.2 mm	10
	KEL-DPU 24 17	<input type="checkbox"/> 43934 <input checked="" type="checkbox"/> 50934	4× 3.2 - 6.3 mm 2× 4 - 7.5 mm 1× 5.5 - 10.5 mm 10× 8 - 12.5 mm	10

\* Only valid for grey product types

# KEL-DPU 24

## Heavy-duty cable entry plates with high strain relief



Membrane on front



Conical shape on back provides additional sealing and strain relief

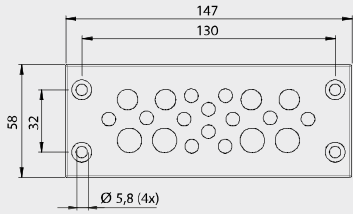
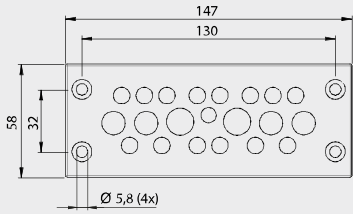
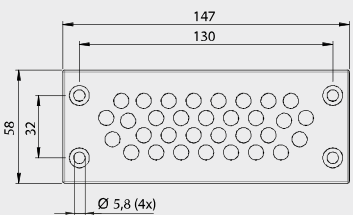


Resistant against industrial detergents (ECOLAB certified)



IP66

2

Type	Order No.	Number of cables	PU	Description
KEL-DPU 24 20	■ 43938 ■ 50938	12× 3.2 - 5.5 mm 8× 5 - 10.5 mm	10	
KEL-DPU 24 21	■ 43930 ■ 50930	1× 3.2 - 6.3 mm 14× 4 - 7.5 mm 4× 5.5 - 10.5 mm 2× 8 - 12.5 mm	10	
KEL-DPU 24 32	■ 43942 ■ 50942	32× 3.2 - 6.3 mm	10	

### Advantages & benefits

- Snap or screw mounting possible
- High strength & stability
- High strain relief
- Fast and easy assembly
- High cable density
- Dual cable sealing with IP65/IP66/up to NEMA type 4X
- Hygienic design - free of dirt-collecting recesses

### Specifications

Material	Frame: Polypropylene (PP) Sealing plate: Elastomer
Colour	■ grey (similar RAL 7035) ■ black
Flame class	UL94-Vo, self-extinguishing
IP rating	IP65/IP66 (certified acc. to EN 60529)
NEMA type rating	NEMA type 4X (acc. to UL 50E)
Temperature	- 40°C to + 90°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimensions	36 × 112 mm / page 192 - 193
Plate depth	14 mm
For wall thickness (snap-in mounting)	1.5 - 2 mm

### Accessories

ST-B Plugs	76
KEL-EMC-PF Cable collectors	123
FP Flanged plates	152 - 157

\* Only valid for grey product types

# KEL-DPZ 24

## Cable entry plates



Also available in black.



Also available with threaded bushings.



Membrane on front



Description	Type	Order No.	Number of cables	PU
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### Product description

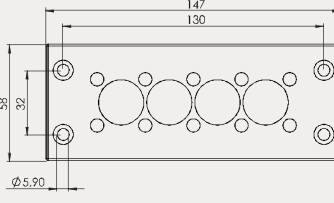
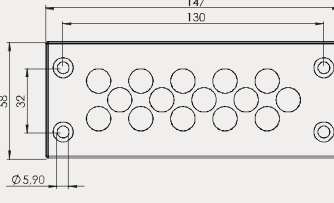
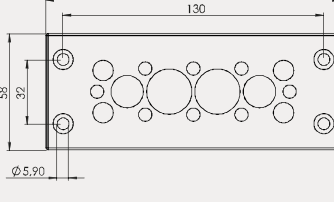
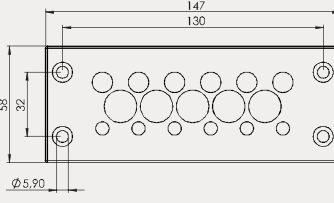
KEL-DPZ entry plates are designed to route and seal up to 121 cables without connectors or fibre optics (from 1.5 mm to 22 mm in diameter) in limited space.

The KEL-DPZ products are a cost and time saving alternative to traditional cable glands.

The assembly of the KEL-DPZ 24 with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane, push the cables through. The KEL-DPZ 24 provides strain relief and protection up to IP66 / NEMA type 12.

The size DPZ 24 matches exactly the cut-out dimensions of 24-pin standard industrial connectors.

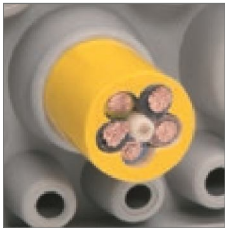
ST-B Plugs can be used for sealing pierced membranes if cables have been removed.

	KEL-DPZ 24 14	<input type="checkbox"/> 43700 <input type="checkbox"/> 50700	10× 3.2 - 6.5 mm 4× 16 - 22 mm	10
	KEL-DPZ 24 15	<input type="checkbox"/> 43720 <input type="checkbox"/> 50720	15× 7.2 - 12 mm	10
	KEL-DPZ 24 16	<input type="checkbox"/> 43725 <input type="checkbox"/> 50725	8× 3.2 - 6.5 mm 4× 5 - 9.7 mm 2× 9 - 16.2 mm 2× 16 - 22 mm	10
	KEL-DPZ 24 17	<input type="checkbox"/> 43705 <input type="checkbox"/> 50705	6× 3.2 - 6.5 mm 6× 5 - 10.2 mm 5× 9 - 16.2 mm	10

\* Only valid for grey product types



# KEL-DPZ 24 Cable entry plates



Conical shape on back provides additional sealing and strain relief



Type	Order No.	Number of cables	PU	Description
KEL-DPZ 24 25	□ 43710 ■ 50710	12x 3.2 - 6.5 mm 7x 4.8 - 9.7 mm 6x 7.5 - 12 mm	10	
KEL-DPZ 24 32	□ 43730 ■ 50730	21x 3.2 - 6.5 mm 8x 5 - 10.2 mm 3x 7.5 - 12 mm	10	
KEL-DPZ 24 42	□ 43715 ■ 50715	42x 3.2 - 6.5 mm	10	
KEL-DPZ 24 121	□ 43735 ■ 50735	119x 1.5 - 2.6 mm 2x 2.5 - 5 mm	10	



## Advantages & benefits

- Fast and easy assembly
- High cable density
- Dual sealing according to IP65/IP66/NEMA type 12
- Automatic sealing and strain relief for the cable
- Hygienic design

## Specifications

Material	Frame: Polyamide (PA) Sealing plate: Elastomer
Colour	□ grey (similar RAL 7035) ■ black
Flame class	UL94-V0, self-extinguishing
IP rating	IP65/IP66 (certified acc. to EN 60529)
NEMA type rating	NEMA type 12 (acc. to UL 50E)
Temperature	- 40°C to + 90°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimensions	36 x 112 mm / page 192 - 193
Plate depth	14 mm

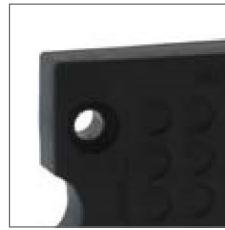
## Accessories

ST-B Plugs	76
KEL-EMC-PF Cable collectors	123
FP Flanged plates	152 - 157

\* Only valid for grey product types.

# KEL-DPZ-B

## Cable entry plates



Also available in black.



Also available with threaded bushings.



Membrane on front

### Product description

The KEL-DPZ-B entry plates are designed for routing cables without connectors.

The assembly of the KEL-DPZ-B with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane and push the cables through. The KEL-DPZ-B provides strain relief and protection IP66 / NEMA type 12.

With an area of only 46 × 46 mm, up to 25 cables can be easily routed and sealed.

ST-B Plugs can be used for sealing pierced membranes if cables have been removed.

### Advantages & benefits

- Space saving shape
- Dual sealing of cables according to IP66/NEMA type 12
- High cable density
- Fast and easy assembly
- Hygienic design

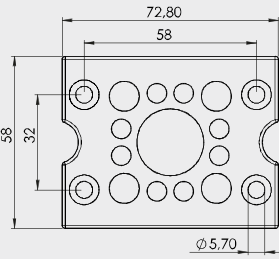
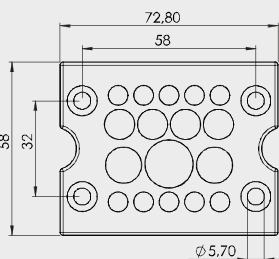
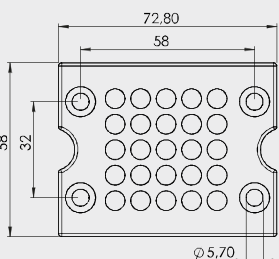
### Specifications

Material	<b>Frame: Polyamide (PA)</b> <b>Sealing plate: Elastomer</b>
Colour	■ grey (similar RAL 7035) ■ black
Flame class	<b>UL94-Vo, self-extinguishing</b>
IP rating	<b>IP66 (certified acc. to EN 60529)</b>
NEMA type rating	<b>NEMA type 12 (acc. to UL 50E)</b>
Temperature	<b>- 40°C to + 90°C (static)</b>
Properties	<b>Halogen-free, silicone-free</b>
Cut-out dimensions	<b>46 × 46 mm</b>
Plate depth	<b>10 mm</b>

### Accessories

ST-B Plugs	76
FP Flanged plates	152 - 157

Description	Type	Order No.	Number of cables	PU
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	KEL-DPZ-B 13	■ 43794	8× 3.2 - 6.5 mm 4× 5 - 10.2 mm 1× 16 - 22 mm	10
		■ 50794		
	KEL-DPZ-B 17	■ 43796	10× 3.2 - 6.5 mm 4× 5 - 10.2 mm 2× 7.5 - 12 mm 1× 9 - 16.2 mm	10
		■ 50796		
	KEL-DPZ-B 25	■ 43798	25× 3.2 - 6.5 mm	10
		■ 50798		

\* Only valid for grey product types



## KEL-DPZ-E

### Cable entry plates



Conical shape on back provides additional sealing and strain relief

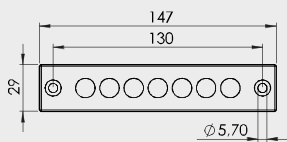


Also available in black.



IP66

Description	Type	Order No.	Number of cables	PU
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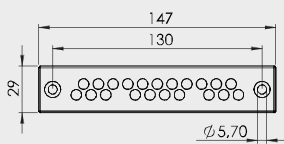


KEL-DPZ-E 112|7

■ 43780  
■ 50780

7x 7.5 - 12 mm

10



KEL-DPZ-E 112|21

■ 43790  
■ 50790

21x 3.2 - 6.5 mm

10

## Product description

KEL-DPZ-E is designed for routing cables without connectors without connectors in very small space.

The assembly of the KEL-DPZ-E with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane, push the cables through. The KEL-DPZ-E provides strain relief and protection IP66 / NEMA type 12.

With an area of only 18 × 112 mm, up to 21 cables can be easily routed and sealed.

ST-B Plugs can be used for sealing pierced membranes if cables have been removed.

## Advantages & benefits

- Space saving shape
- Dual sealing of cables according to IP66/NEMA type 12
- High cable density
- Fast and easy assembly
- Hygienic design

## Specifications

Material	Frame: Polyamide (PA) Sealing plate: Elastomer
Colour	■ grey (similar RAL 7035) ■ black
Flame class	UL94-Vo, self-extinguishing
IP rating	IP66 (certified acc. to EN 60529)
NEMA type rating	NEMA type 12 (acc. to UL 50E)
Temperature	- 40°C to + 90°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimensions	18 × 112 mm / page 192 - 193
Plate depth	14 mm

## Accessories

ST-B Plugs	76
KEL-EMC-PF Cable collectors	123

\* Only valid for grey product types

# KEL-DPZ-KL

## Cable entry plates



Also available in black.



Membrane on front



Conical shape on back provides additional sealing and strain relief

IP65

Description	Type	Order No.	Number of cables	PU
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### Product description

The cable entry plate KEL-DPZ-KL is designed for routing up to 72 cables without connectors.

The assembly of the KEL-DPZ-KL with cables or pneumatic hoses can be done quick and easy. Simply make a small hole in the thin membrane, push the cables through. The KEL-DPZ-KL provides strain relief and protection IP65 / NEMA type 12.

ST-B Plugs can be used for sealing pierced membranes if cables have been removed.

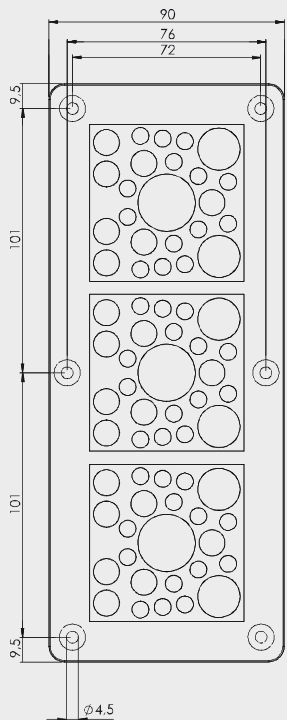
The KEL-DPZ-KL matches on terminal boxes KL by Rittal.

### Advantages & benefits

- Space saving shape
- Dual sealing of cables according to IP65/NEMA type 12
- High cable density
- Fast and easy assembly
- Hygienic design

### Specifications

Material	Frame: Stainless steel V2A, moulded with elastomer Sealing plate: Elastomer Screws: Stainless steel V2A
Colour	<input type="checkbox"/> grey (similar RAL 7035) <input checked="" type="checkbox"/> black
Flame class	UL94-Vo, self-extinguishing
IP rating	IP65 (certified acc. to EN 60529)
NEMA type rating	NEMA type 12 (acc. to UL 50E)
Temperature	- 40°C to + 90°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimensions	192 × 62 mm
Plate depth	4 mm

	KEL-DPZ-KL72	<input type="checkbox"/> 43675.001 <input checked="" type="checkbox"/> 43675.101	42x 3.2 - 6.5 mm 21x 5 - 10.2 mm 6x 9 - 16.2 mm 3x 16 - 22 mm	1

\* Only valid for grey product types

### Accessories

ST-B Plugs 76

# Typical applications

## Cable entry plates for cables without connectors



**KEL-DPZ 24|x** - Page 64 - 65

Routing of numerous cables with varying cable diameter sizes into a machine control cabinet. IP65 sealing is achieved. Additional membranes are available for future routing.



**KEL-DPZ 24|25** - Page 65

Routing of a large number of cables into the enclosure of a checkweigher. High cable density in a small space.



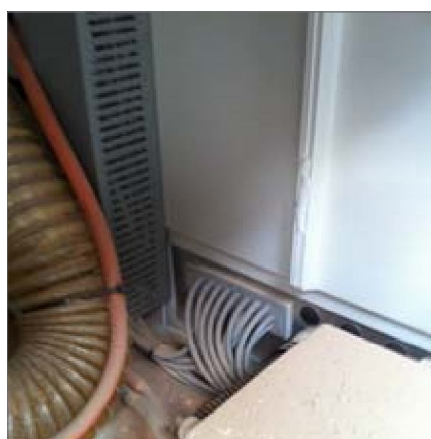
**KEL-DPZ-B25** - Page 66

Entering of cable bundle in a small space with high IP66 rating.



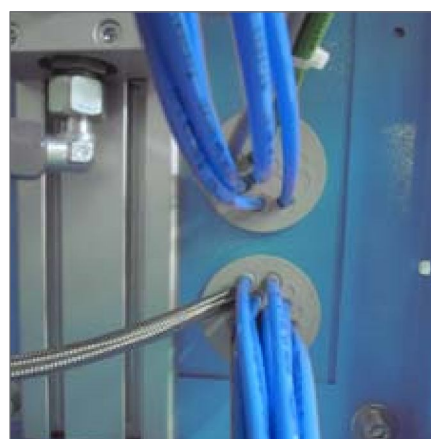
**KEL-DPZ-B25** - Page 66 / **KEL 24|7** - Page 18

Combination of split and push-through-systems for the routing of cables in an integrated switch cabinet. Additional grommets and membranes are available for future routing.



**KEL-DP 24|50** - Page 72

Entering a large number of cables without connectors through a small space.



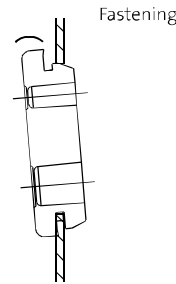
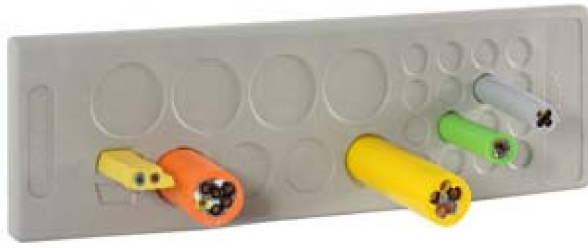
**KEL-DP 50|16** - Page 75

Routing of cables, conduits and pipes with a single cable entry plate.



# KEL-DP 24

## Cable entry plates



Also available in black.



### Product description

KEL-DP entry plates are designed for routing cables without connectors.

The KEL-DP products are a cost saving alternative to traditional cable glands. Simply make a small hole in the thin membrane and push the cables through. The KEL-DP 24 provides protection IP64 / NEMA Type 12.

A special rib ensures a centred fit in the cut-outs. ST-B Plugs can be used for sealing pierced membranes if cables have been removed.

### Advantages & benefits

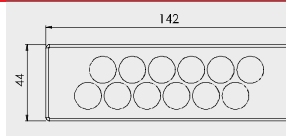
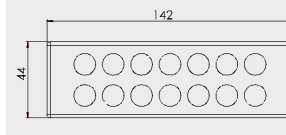
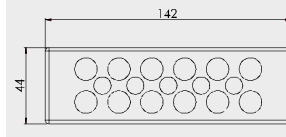
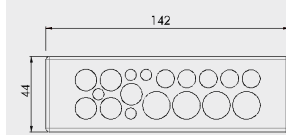
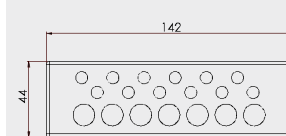
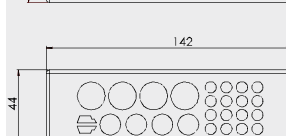
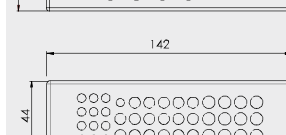
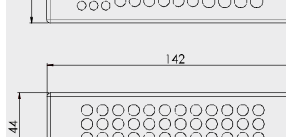
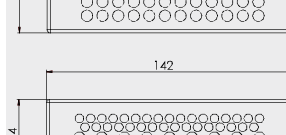
- Fast and easy assembly, no tools required
- High cable density
- Cost-effective
- Hygienic design
  - free of dirt-collecting recesses
- For wall thickness 1.5 - 4 mm

### Specifications

Material	Elastomer
Colour	<input type="checkbox"/> grey (similar RAL 7035) <input checked="" type="checkbox"/> black
Flame class	UL94-Vo, self-extinguishing
IP rating	IP64 (certified acc. to EN 60529)
NEMA type rating	NEMA type 12 (acc. to UL 50E)
Temperature	- 40°C to + 90°C (static)
Properties	Halogen-free, silicone-free
Cut-out dimensions	36 × 112 mm
Plate depth	5 mm
Type A:	For wall thickness 1.5 - 2.5 mm
Type B:	For wall thickness 2.8 - 4 mm

### Accessories

ST-B Plugs	76
FP Flanged plates	152 - 157

Description	Type	Order No. Type A	Order No. Type B	Number of cables	PU
	KEL-DP 24 12	<input type="checkbox"/> 43508 <input checked="" type="checkbox"/> 50508		12× max. 15 mm	10
	KEL-DP 24 14	<input type="checkbox"/> 43512 <input checked="" type="checkbox"/> 50512	<input type="checkbox"/> 43522 <input checked="" type="checkbox"/> 50522	14× max. 12.1 mm	10
	KEL-DP 24 17	<input type="checkbox"/> 43514 <input checked="" type="checkbox"/> 50514	<input type="checkbox"/> 43523 <input checked="" type="checkbox"/> 50523	5× max. 10.5 mm 12× max. 12.6 mm	10
	KEL-DP 24 18	<input type="checkbox"/> 43515 <input checked="" type="checkbox"/> 50515	<input type="checkbox"/> 43528 <input checked="" type="checkbox"/> 50528	4× max. 6.5 mm 5× max. 10.5 mm 5× max. 12.6 mm 4× max. 16.1 mm	10
	KEL-DP 24 19	<input type="checkbox"/> 43516 <input checked="" type="checkbox"/> 50516	<input type="checkbox"/> 43524 <input checked="" type="checkbox"/> 50524	12× max. 6.5 mm 7× max. 12.1 mm	10
	KEL-DP 24 26	<input type="checkbox"/> 43518 <input checked="" type="checkbox"/> 50518	<input type="checkbox"/> 43525 <input checked="" type="checkbox"/> 50525	16× max. 6.5 mm 4× max. 12.1 mm 4× max. 16.1 mm 2× ASI-cables	10
	KEL-DP 24 42	<input type="checkbox"/> 43511 <input checked="" type="checkbox"/> 50511	<input type="checkbox"/> 43521 <input checked="" type="checkbox"/> 50521	12× max. 7.2 mm 17× max. 6.4 mm 12× max. 5 mm 1× max. 4.7 mm	10
	KEL-DP 24 48	<input type="checkbox"/> 43519 <input checked="" type="checkbox"/> 50519	<input type="checkbox"/> 43526 <input checked="" type="checkbox"/> 50526	48× max. 6.5 mm	10
	KEL-DP 24 50	<input type="checkbox"/> 43520 <input checked="" type="checkbox"/> 50520	<input type="checkbox"/> 43527 <input checked="" type="checkbox"/> 50527	33× max. 5.3 mm 9× max. 6.4 mm 8× max. 8.3 mm	10

\* Only valid for grey product types

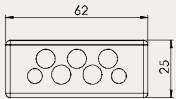
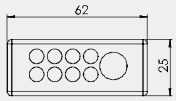
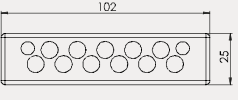
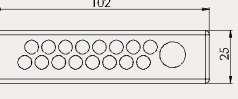
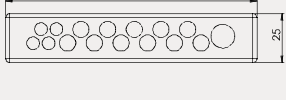
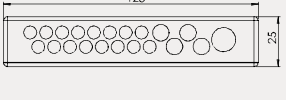
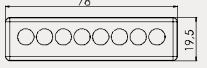
# KEL-DP-E

## Cable entry plates



Also available in black.



Type	Order No.	Cut-out [mm]	Number of cables	PU	Description
KEL-DP-E 46 7	<input type="checkbox"/> 43585 <input checked="" type="checkbox"/> 50585	46 × 18	5× max. 8.3 mm 2× max. 6.5 mm	10	
KEL-DP-E 46 9	<input type="checkbox"/> 43587 <input checked="" type="checkbox"/> 50587	46 × 18	8× max. 6.5 mm 1× max. 12.1 mm	10	
KEL-DP-E 86 13	<input type="checkbox"/> 43581 <input checked="" type="checkbox"/> 50581	85 × 16	11× max. 8.3 mm 2× max. 6.5 mm	10	
KEL-DP-E 86 17	<input type="checkbox"/> 43583 <input checked="" type="checkbox"/> 50583	85 × 16	16× max. 6.5 mm 1× max. 12.1 mm	10	
KEL-DP-E 112 16	<input type="checkbox"/> 43576 <input checked="" type="checkbox"/> 50576	112 × 18	4× max. 6.5 mm 11× max. 8.3 mm 1× max. 12.1 mm	10	
KEL-DP-E 112 21	<input type="checkbox"/> 43578 <input checked="" type="checkbox"/> 50578	112 × 18	16× max. 6.5 mm 4× max. 8.3 mm 1× max. 12.1 mm	10	
KEL-DP-S 69 8	<input type="checkbox"/> 43591 <input checked="" type="checkbox"/> 50591	69 × 10 Edge radii R2	8× max. 7.5 mm	10	

\* Only valid for grey product types

### Product description

KEL-DP-E entry plates are designed for routing cables without connectors. The KEL-DP products are a cost saving alternative to traditional cable glands.

Simply make a small hole in the thin membrane and push the cables through. The KEL-DP-E provides protection IP64 / NEMA Type 12.

ST-B Plugs can be used for sealing pierced membranes if cables have been removed.

A special rib ensures a centred fit in the cut-outs.

### Advantages & benefits

- Fast and easy assembly, no tools required
- High cable density
- Cost-effective
- Hygienic design
  - free of dirt-collecting recesses
- For wall thickness 1.5 - 2.5 mm

### Specifications

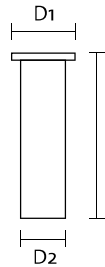
Material	Elastomer
Colour	<input type="checkbox"/> grey (similar RAL 7035) <input checked="" type="checkbox"/> black
Flame class	UL94-Vo, self-extinguishing
IP rating	IP64 (certified acc. to EN 60529)
NEMA type rating	NEMA type 12 (acc. to UL 50E)
Temperature	- 40°C to + 90°C (static)
Properties	Halogen-free, silicone-free
Plate depth	5 mm

### Accessories

ST-B Plugs 76

# ST-B

## Plugs for membranes



2

### Product description

Plugs ST-B are used to seal already pierced membranes in various cable entry plates (KEL-DPU / KEL-DPZ / KEL-DP / KEL-QTA-DP) and DT grommets.

Perfect for applications where cables have been removed.

The IP rating of the cable entry plate remains.

### Advantages & benefits

- Sealing of pierced cable entry membranes which are no longer in use

### Specifications

Material **Polyamide (PA), white**  
 Flame class **UL94-Vo, self-extinguishing**  
 Temperature **- 40°C to + 120°C**  
 Properties **Halogen-free, silicone-free**

### Compatible with

KEL-DPU Cable entry plates 62 - 63  
 KEL-DPZ Cable entry plates 64 - 71  
 KEL-DP Cable entry plates 72 - 75  
 DT Cable entry grommets 48  
 KEL-QTA-DP Cable entry plates 54

Type	Order No.	Diameter D1	Diameter D2	Length L	PU
ST-B 6	42806	8 mm	6 mm	16 mm	25
ST-B 10	42810	12 mm	10 mm	16 mm	25
ST-B 12	42812	15 mm	12 mm	16 mm	25
ST-B 16	42816	19 mm	16 mm	16 mm	25
ST-B 22	42822	25 mm	22 mm	21 mm	25
<b>Assortment ST-B Plugs</b>	<b>42801</b>	<b>5× ST-B 6   5× ST-B 10   2× ST-B 12   1× ST-B 16   1× ST-B 22</b>			