

# KEL-DPU multi-membrane cable entry plates

with high strain relief function, pluggable / IP66 / IP68 / UL Type 12/4X



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 IP66 / IP68\* / UL type 12 & 4X\*\* ratings. The gland KEL-DPU is especially characterised by its very robust hard frame made of polypropylene which is completely moulded with elastomer. This results in a high ingress protection and stability as well as in a high strain relief level 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 grey KEL-DPU 24 is also available with threaded bushings. When plugging or screw fixing the KEL-DPU from the inside of the enclosure the screw holes remain completely sealed by the elastomer layer.

The assembly of the KEL-DPU with unterminated 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.

**It is also possible to integrate threaded bushings. Please ask us about your desired variant.**

The version with threaded bushings enables the cable entry plate to be screwed onto the housing from the inside out. This protects against vandalism and tampering with the housing from the outside.

\* IP65/IP66/IP67/IP68 when screw mounted, IP65/IP66 when snapped into the cut-out

\*\* 4X for indoor use only



## Specifications

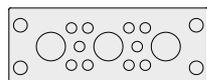
<b>IP rating (EN 60529)</b>	IP54, IP55, IP64, IP65, IP66, IP67, IP68
<b>UL Type (UL 50E)</b>	UL Type 12, UL Type 4X*
<b>Material</b>	Elastomer Base frame: Polypropylene
<b>Flame class</b>	UL94-V0, self-extinguishing
<b>Operating temperature</b>	-40 C° to 100 C°
<b>Properties</b>	silicone free, halogen free
<b>Mounting options</b>	Screw type mounting, Snap-in

## Advantages & Benefits

- High stability, vibration resistant
- Fast and easy assembly
- High cable density
- Certified protection IP66/IP68 (acc. to EN 60529)
- Hygienic design - free of dirt-collecting recesses

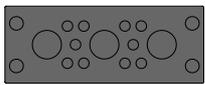
## Product Types & Sizes

### KEL-DPU 24|13 gy



Part No.	<b>43940</b>
EAN	<b>4251269311031</b>
Package quantity	<b>10</b>
For max. no. of cables	<b>13</b>
Max. cable diameter	<b>20,5 mm</b>
Color	<b>gray (similar RAL 7035)</b>
Length	<b>147 mm</b>

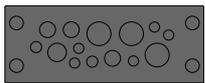
Width	<b>58 mm</b>
Height	<b>14 mm</b>
Mounting height	<b>14 mm</b>
Cut-out size	<b>112 x 36 mm</b>
For min. wall thickness	<b>1,5 mm</b>
For max. wall thickness	<b>2 mm</b>
No. of screw holes	<b>4</b>
Diam. of screw holes	<b>5,8 mm</b>
Clamping range	<b>10 x 3.2 - 6.3 mm</b>
	<b>3 x 16 - 20.5 mm</b>

**KEL-DPU 24|13 bk**

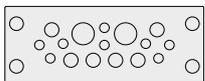
Part No.	<b>50940</b>	Width	<b>58 mm</b>
EAN	<b>4251269315398</b>	Height	<b>14 mm</b>
Package quantity	<b>10</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>13</b>	Cut-out size	<b>112 × 36 mm</b>
Max. cable diameter	<b>20,5 mm</b>	For min. wall thickness	<b>1,5 mm</b>
Color	<b>black</b>	For max. wall thickness	<b>2 mm</b>
Length	<b>147 mm</b>	No. of screw holes	<b>4</b>
		Diam. of screw holes	<b>5,8 mm</b>
		Clamping range	<b>10 x 3.2 - 6.3 mm</b> <b>3 x 16 - 20.5 mm</b>

**KEL-DPU 24|14 gy**

Part No.	<b>43944</b>	Width	<b>58 mm</b>
EAN	<b>4251269311055</b>	Height	<b>14 mm</b>
Package quantity	<b>10</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>14</b>	Cut-out size	<b>112 × 36 mm</b>
Max. cable diameter	<b>16,2 mm</b>	For min. wall thickness	<b>1,5 mm</b>
Color	<b>gray (similar RAL 7035)</b>	For max. wall thickness	<b>2 mm</b>
Length	<b>147 mm</b>	No. of screw holes	<b>4</b>
		Diam. of screw holes	<b>5,8 mm</b>
		Clamping range	<b>5 x 3.2 - 6.3 mm</b> <b>2 x 4 - 7.5 mm</b> <b>3 x 5.5 - 10.5 mm</b> <b>1 x 8 - 12.5 mm</b> <b>3 x 12 - 16.2 mm</b>

**KEL-DPU 24|14 bk**

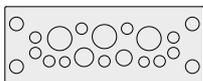
Part No.	<b>50944</b>	Width	<b>58 mm</b>
EAN	<b>4251269315411</b>	Height	<b>14 mm</b>
Package quantity	<b>10</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>14</b>	Cut-out size	<b>112 × 36 mm</b>
Max. cable diameter	<b>16,2 mm</b>	For min. wall thickness	<b>1,5 mm</b>
Color	<b>black</b>	For max. wall thickness	<b>2 mm</b>
Length	<b>147 mm</b>	No. of screw holes	<b>4</b>
		Diam. of screw holes	<b>5,8 mm</b>
		Clamping range	<b>5 x 3.2 - 6.3 mm</b> <b>2 x 4 - 7.5 mm</b> <b>3 x 5.5 - 10.5 mm</b> <b>1 x 8 - 12.5 mm</b> <b>3 x 12 - 16.2 mm</b>

**KEL-DPU 24|16 gy**

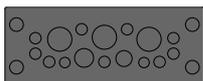
Part No.	<b>43936</b>	Width	<b>58 mm</b>
EAN	<b>4251269311017</b>	Height	<b>14 mm</b>
Package quantity	<b>10</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>16</b>	Cut-out size	<b>112 × 36 mm</b>
Max. cable diameter	<b>14,5 mm</b>	For min. wall thickness	<b>1,5 mm</b>
Color	<b>gray (similar RAL 7035)</b>	For max. wall thickness	<b>2 mm</b>
Length	<b>147 mm</b>	No. of screw holes	<b>4</b>
		Diam. of screw holes	<b>5,8 mm</b>
		Clamping range	<b>8 x 3.2 - 5.5 mm</b> <b>6 x 5 - 8.5 mm</b> <b>2 x 9.5 - 14.5 mm</b>

**KEL-DPU 24|16 bk**

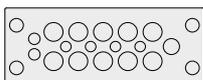
Part No.	<b>50936</b>	Width	<b>58 mm</b>
EAN	<b>4251269315374</b>	Height	<b>14 mm</b>
Package quantity	<b>10</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>16</b>	Cut-out size	<b>112 × 36 mm</b>
Max. cable diameter	<b>14,5 mm</b>	For min. wall thickness	<b>1,5 mm</b>
Color	<b>black</b>	For max. wall thickness	<b>2 mm</b>
Length	<b>147 mm</b>	No. of screw holes	<b>4</b>
		Diam. of screw holes	<b>5,8 mm</b>
		Clamping range	<b>8 × 3.2 - 5.5 mm</b>
			<b>6 × 5 - 8.5 mm</b>
			<b>2 × 9.5 - 14.5 mm</b>

**KEL-DPU 24|16-1 gy**

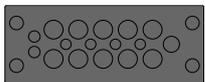
Part No.	<b>43932</b>	Width	<b>58 mm</b>
EAN	<b>4251269310997</b>	Height	<b>14 mm</b>
Package quantity	<b>10</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>16</b>	Cut-out size	<b>112 × 36 mm</b>
Max. cable diameter	<b>16,2 mm</b>	For min. wall thickness	<b>1,5 mm</b>
Color	<b>gray (similar RAL 7035)</b>	For max. wall thickness	<b>2 mm</b>
Length	<b>147 mm</b>	No. of screw holes	<b>4</b>
		Diam. of screw holes	<b>5,8 mm</b>
		Clamping range	<b>2 × 3.2 - 6.3 mm</b>
			<b>9 × 4 - 7.5 mm</b>
			<b>1 × 5.5 - 10.5 mm</b>
			<b>1 × 8 - 12.5 mm</b>
			<b>3 × 12 - 16.2 mm</b>

**KEL-DPU 24|16-1 bk**

Part No.	<b>50932</b>	Width	<b>58 mm</b>
EAN	<b>4251269315350</b>	Height	<b>14 mm</b>
Package quantity	<b>10</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>16</b>	Cut-out size	<b>112 × 36 mm</b>
Max. cable diameter	<b>16,2 mm</b>	For min. wall thickness	<b>1,5 mm</b>
Color	<b>black</b>	For max. wall thickness	<b>2 mm</b>
Length	<b>147 mm</b>	No. of screw holes	<b>4</b>
		Diam. of screw holes	<b>5,8 mm</b>
		Clamping range	<b>2 × 3.2 - 6.3 mm</b>
			<b>9 × 4 - 7.5 mm</b>
			<b>1 × 5.5 - 10.5 mm</b>
			<b>1 × 8 - 12.5 mm</b>
			<b>3 × 12 - 16.2 mm</b>

**KEL-DPU 24|17 gy**

Part No.	<b>43934</b>	Width	<b>58 mm</b>
EAN	<b>4251269311000</b>	Height	<b>14 mm</b>
Package quantity	<b>10</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>17</b>	Cut-out size	<b>112 × 36 mm</b>
Max. cable diameter	<b>12,5 mm</b>	For min. wall thickness	<b>1,5 mm</b>
Color	<b>gray (similar RAL 7035)</b>	For max. wall thickness	<b>2 mm</b>
Length	<b>147 mm</b>	No. of screw holes	<b>4</b>
		Diam. of screw holes	<b>5,8 mm</b>
		Clamping range	<b>4 × 3.2 - 6.3 mm</b>
			<b>2 × 4 - 7.5 mm</b>
			<b>1 × 5.5 - 10.5 mm</b>
			<b>10 × 8 - 12.5 mm</b>

**KEL-DPU 24|17 bk**

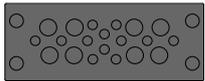
Part No. **50934**  
 EAN **4251269315367**  
 Package quantity **10**  
 For max. no. of cables **17**  
 Max. cable diameter **12,5 mm**  
 Color **black**  
 Length **147 mm**

Width **58 mm**  
 Height **14 mm**  
 Mounting height **14 mm**  
 Cut-out size **112 x 36 mm**  
 For min. wall thickness **1,5 mm**  
 For max. wall thickness **2 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,8 mm**  
 Clamping range **4 x 3.2 - 6.3 mm**  
**2 x 4 - 7.5 mm**  
**1 x 5.5 - 10.5 mm**  
**10 x 8 - 12.5 mm**

**KEL-DPU 24|20 gy**

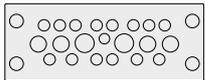
Part No. **43938**  
 EAN **4251269311024**  
 Package quantity **10**  
 For max. no. of cables **20**  
 Max. cable diameter **10,5 mm**  
 Color **gray (similar RAL 7035)**  
 Length **147 mm**

Width **58 mm**  
 Height **14 mm**  
 Mounting height **14 mm**  
 Cut-out size **112 x 36 mm**  
 For min. wall thickness **1,5 mm**  
 For max. wall thickness **2 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,8 mm**  
 Clamping range **12 x 3.2 - 5.5 mm**  
**8 x 5 - 10.5 mm**

**KEL-DPU 24|20 bk**

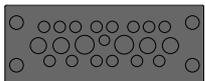
Part No. **50938**  
 EAN **4251269315381**  
 Package quantity **10**  
 For max. no. of cables **20**  
 Max. cable diameter **10,5 mm**  
 Color **black**  
 Length **147 mm**

Width **58 mm**  
 Height **14 mm**  
 Mounting height **14 mm**  
 Cut-out size **112 x 36 mm**  
 For min. wall thickness **1,5 mm**  
 For max. wall thickness **2 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,8 mm**  
 Clamping range **12 x 3.2 - 5.5 mm**  
**8 x 5 - 10.5 mm**

**KEL-DPU 24|21 gy**

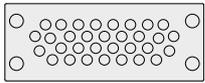
Part No. **43930**  
 EAN **4251269310980**  
 Package quantity **10**  
 For max. no. of cables **21**  
 Max. cable diameter **12,5 mm**  
 Color **gray (similar RAL 7035)**  
 Length **147 mm**

Width **58 mm**  
 Height **14 mm**  
 Mounting height **14 mm**  
 Cut-out size **112 x 36 mm**  
 For min. wall thickness **1,5 mm**  
 For max. wall thickness **2 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,8 mm**  
 Clamping range **1 x 3.2 - 6.3 mm**  
**14 x 4 - 7.5 mm**  
**4 x 5.5 - 10.5 mm**  
**2 x 8 - 12.5 mm**

**KEL-DPU 24|21 bk**

Part No. **50930**  
 EAN **4251269315343**  
 Package quantity **10**  
 For max. no. of cables **21**  
 Max. cable diameter **12,5 mm**  
 Color **black**  
 Length **147 mm**

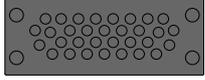
Width **58 mm**  
 Height **14 mm**  
 Mounting height **14 mm**  
 Cut-out size **112 x 36 mm**  
 For min. wall thickness **1,5 mm**  
 For max. wall thickness **2 mm**  
 No. of screw holes **4**  
 Diam. of screw holes **5,8 mm**  
 Clamping range **1 x 3.2 - 6.3 mm**  
**14 x 4 - 7.5 mm**  
**4 x 5.5 - 10.5 mm**  
**2 x 8 - 12.5 mm**

**KEL-DPU 24|32 gy**

Part No.  
EAN  
Package quantity  
For max. no. of cables  
Max. cable diameter  
Color  
Length

**43942**  
**4251269311048**  
**10**  
**32**  
**6,3 mm**  
**gray (similar RAL 7035)**  
**147 mm**

Width **58 mm**  
Height **14 mm**  
Mounting height **14 mm**  
Cut-out size **112 x 36 mm**  
For min. wall thickness **1,5 mm**  
For max. wall thickness **2 mm**  
No. of screw holes **4**  
Diam. of screw holes **5,8 mm**  
Clamping range **32 x 3.2 - 6.3 mm**

**KEL-DPU 24|32 bk**

Part No.  
EAN  
Package quantity  
For max. no. of cables  
Max. cable diameter  
Color  
Length

**50942**  
**4251269315404**  
**10**  
**32**  
**6,3 mm**  
**black**  
**147 mm**

Width **58 mm**  
Height **14 mm**  
Mounting height **14 mm**  
Cut-out size **112 x 36 mm**  
For min. wall thickness **1,5 mm**  
For max. wall thickness **2 mm**  
No. of screw holes **4**  
Diam. of screw holes **5,8 mm**  
Clamping range **32 x 3.2 - 6.3 mm**