

# KEL-DPZ-BS cable entry plates with fire penetration seals (EN 45545-3)

with high cable density / IP66 / UL Type 12



icotek cable entry plates with fire penetration seals, approved for use in [railway technology](#) (meeting the standards EN 45545-2, EN 45545-3 and EN 1363-1).

KEL-DPZ-BS cable entry plates are designed to route and seal up to 42 cables without connectors or fibre optics (from 3.2 mm to 22 mm in diameter) in limited space. The KEL-DPZ-BS is a cost and time saving alternative to traditional cable glands.

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

The size KEL-DPZ-BS matches exactly the cut-out dimensions of 16- and 24-pin standard industrial connectors.

The intumescent (foaming) IFPS fire penetration seals which are mounted at the backside of the cable entry components consist of expandable graphite and increase their volume by a multiple in case of a fire.

This creates a barrier which prevents a penetration of flames and high heat from one room into another for the longest possible period.

IP54



IP55



IP64



IP65



IP66



UL TYPE 12



## Specifications

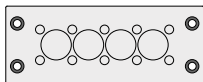
<b>IP rating (EN 60529)</b>	IP54, IP55, IP64, IP65, IP66
<b>UL Type (UL 50E)</b>	UL Type 12
<b>Material</b>	Elastomer Base frame: Polypropylene
<b>Flame class</b>	UL94-V0, self-extinguishing
<b>Operating temperature</b>	-40 C° to 100 C°
<b>Properties</b>	silicone free, intumescent (foaming), halogen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

## Advantages & benefits

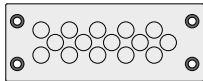
- Approved for use in railway technology (EN 45545-2, EN 45545-3, EN 1363-1 and EN 61373)
- Only one fire penetration seal per cable entry component required
- High classifications E45 / EI30
- Fast and easy assembly
- High cable density, wide variety of grommets
- Automatic sealing and strain relief for the cable
- Hygienic design - free of dirt-collecting recesses

## Product types & sizes

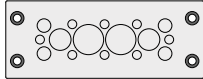
### KEL-DPZ 24|14-BS gy



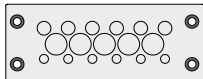
Part No.	<b>99300.018</b>	Width	<b>58 mm</b>
EAN	<b>4251269318634</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>14</b>	Cut-out size	<b>112 x 36 mm</b>
Max. cable diameter	<b>22 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,9 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>10 x 3.2 - 6.5 mm</b> <b>4 x 16 - 22 mm</b>

**KEL-DPZ 24|15-BS gy**

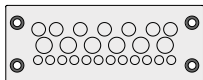
Part No.	<b>99300.019</b>	Width	<b>58 mm</b>
EAN	<b>4251269318641</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>15</b>	Cut-out size	<b>112 x 36 mm</b>
Max. cable diameter	<b>12 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,9 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>15 x 7.2 - 12 mm</b>

**KEL-DPZ 24|16-BS gy**

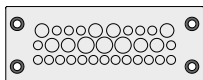
Part No.	<b>99300.020</b>	Width	<b>58 mm</b>
EAN	<b>4251269318658</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>16</b>	Cut-out size	<b>112 x 36 mm</b>
Max. cable diameter	<b>22 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,9 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>8 x 3.2 - 6.5 mm</b> <b>4 x 5 - 9.7 mm</b> <b>2 x 9 - 16.2 mm</b> <b>2 x 16 - 22 mm</b>

**KEL-DPZ 24|17-BS gy**

Part No.	<b>99300.021</b>	Width	<b>58 mm</b>
EAN	<b>4251269318665</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>17</b>	Cut-out size	<b>112 x 36 mm</b>
Max. cable diameter	<b>16,2 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,9 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>6 x 3.2 - 6.5 mm</b> <b>6 x 5 - 10.2 mm</b> <b>5 x 9 - 16.2 mm</b>

**KEL-DPZ 24|25-BS gy**

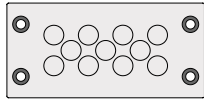
Part No.	<b>99300.022</b>	Width	<b>58 mm</b>
EAN	<b>4251269318672</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>25</b>	Cut-out size	<b>112 x 36 mm</b>
Max. cable diameter	<b>12 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,9 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>12 x 3.2 - 6.5 mm</b> <b>7 x 4.8 - 9.7 mm</b> <b>6 x 7.5 - 12 mm</b>

**KEL-DPZ 24|32-BS gy**

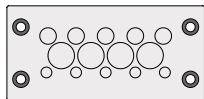
Part No.	<b>99300.023</b>	Width	<b>58 mm</b>
EAN	<b>4251269318689</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>32</b>	Cut-out size	<b>112 x 36 mm</b>
Max. cable diameter	<b>12 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,9 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>21 x 3.2 - 6.5 mm</b> <b>8 x 5 - 10.2 mm</b> <b>3 x 7.5 - 12 mm</b>

**KEL-DPZ 24|42-BS gy**

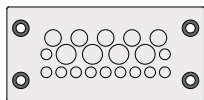
Part No.	<b>99300.024</b>	Width	<b>58 mm</b>
EAN	<b>4251269318696</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>42</b>	Cut-out size	<b>112 x 36 mm</b>
Max. cable diameter	<b>6,5 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,9 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>42 x 3.2 - 6.5 mm</b>

**KEL-DPZ 16|11-BS gy**

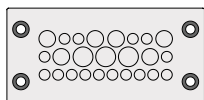
Part No.	<b>99301.007</b>	Width	<b>58 mm</b>
EAN	<b>4251269321832</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>11</b>	Cut-out size	<b>86 x 36 mm</b>
Max. cable diameter	<b>12 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>120 mm</b>	Clamping range	<b>11 x 7.5 - 12 mm</b>

**KEL-DPZ 16|14-BS gy**

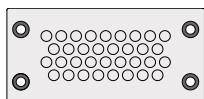
Part No.	<b>99301.008</b>	Width	<b>58 mm</b>
EAN	<b>4251269321849</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>14</b>	Cut-out size	<b>86 x 36 mm</b>
Max. cable diameter	<b>16,2 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>120 mm</b>	Clamping range	<b>5 x 3.2 - 6.5 mm</b> <b>5 x 5 - 10.2 mm</b> <b>4 x 9 - 16.2 mm</b>

**KEL-DPZ 16|20-BS gy**

Part No.	<b>99301.009</b>	Width	<b>58 mm</b>
EAN	<b>4251269321856</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>20</b>	Cut-out size	<b>86 x 36 mm</b>
Max. cable diameter	<b>12 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>120 mm</b>	Clamping range	<b>11 x 3.2 - 6.5 mm</b> <b>5 x 5 - 10.2 mm</b> <b>4 x 7.5 - 12 mm</b>

**KEL-DPZ 16|25-BS gy**

Part No.	<b>99301.010</b>	Width	<b>58 mm</b>
EAN	<b>4251269321863</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>25</b>	Cut-out size	<b>86 x 36 mm</b>
Max. cable diameter	<b>12 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>120 mm</b>	Clamping range	<b>16 x 3.2 - 6.5 mm</b> <b>6 x 5 - 10.2 mm</b> <b>3 x 7.5 - 12 mm</b>

**KEL-DPZ 16|34-BS gy**

Part No.	<b>99301.011</b>	Width	<b>58 mm</b>
EAN	<b>4251269321870</b>	Height	<b>14 mm</b>
Package quantity	<b>5</b>	Mounting height	<b>14 mm</b>
For max. no. of cables	<b>34</b>	Cut-out size	<b>86 x 36 mm</b>
Max. cable diameter	<b>6,5 mm</b>	No. of screw holes	<b>4</b>
Colour	<b>grey (similar RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>120 mm</b>	Clamping range	<b>34 x 3.2 - 6.5 mm</b>

