

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

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



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

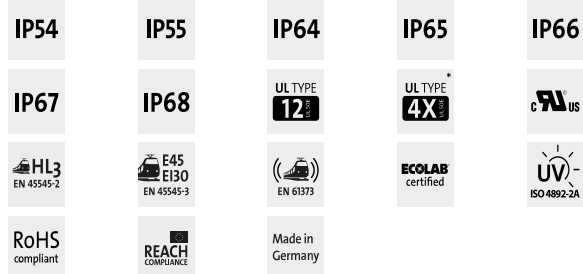
The KEL-DPU 24-BS matches exactly the cut-out dimensions of 24-pin standard industrial connectors.

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

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.

\*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>	intumescent (foaming), halogen free, silicone free
<b>Mounting options</b>	Screw type mounting

## Advantages & benefits

- Zugelassen im Bereich Schienenverkehrstechnik (DIN EN 45545-2, DIN EN 45545-3, DIN EN 1363-1:2012-10, DIN EN 61373)
- Nur eine Brandschutzmatte je Kabeldurchführung erforderlich
- Mit E45 hohe E-Klassifizierung, mit EI30 hohe EI-Klassifizierung
- Hohe Stabilität, vibrations sicher
- Sehr einfache Bestückung und Montage
- Hohe Packungsdichte, große Variabilität
- Hygienisches Design - keine Schmutznischen

## Product types & sizes

### KEL-DPU 24|13-BS gy



Part No.	99300.010	Height	14 mm
EAN	4251269318559	Mounting height	14 mm
PU	5	Cut-out size	112 x 36 mm
For max. no. of cables	13	No. of screw holes	4
Colour	grau (ähnlich RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	10 x 3.2 - 6.3 mm
Width	58 mm		3 x 16 - 20.5 mm

**KEL-DPU 24|14-BS gy**

Part No.	<b>99300.011</b>	Height	<b>14 mm</b>
EAN	<b>4251269318566</b>	Mounting height	<b>14 mm</b>
PU	<b>5</b>	Cut-out size	<b>112 x 36 mm</b>
For max. no. of cables	<b>14</b>	No. of screw holes	<b>4</b>
Colour	<b>grau (ähnlich RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>5 x 3.2 - 6.3 mm</b>
Width	<b>58 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-BS gy**

Part No.	<b>99300.012</b>	Height	<b>14 mm</b>
EAN	<b>4251269318573</b>	Mounting height	<b>14 mm</b>
PU	<b>5</b>	Cut-out size	<b>112 x 36 mm</b>
For max. no. of cables	<b>16</b>	No. of screw holes	<b>4</b>
Colour	<b>grau (ähnlich RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>8 x 3.2 - 5.5 mm</b>
Width	<b>58 mm</b>		<b>6 x 5 - 8.5 mm</b>
			<b>2 x 9.5 - 14.5 mm</b>

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

Part No.	<b>99300.013</b>	Height	<b>14 mm</b>
EAN	<b>4251269318580</b>	Mounting height	<b>14 mm</b>
PU	<b>5</b>	Cut-out size	<b>112 x 36 mm</b>
For max. no. of cables	<b>16</b>	No. of screw holes	<b>4</b>
Colour	<b>grau (ähnlich RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>2 x 3.2 - 6.3 mm</b>
Width	<b>58 mm</b>		<b>9 x 4 - 7.5 mm</b>
			<b>1 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|17-BS gy**

Part No.	<b>99300.014</b>	Height	<b>14 mm</b>
EAN	<b>4251269318597</b>	Mounting height	<b>14 mm</b>
PU	<b>5</b>	Cut-out size	<b>112 x 36 mm</b>
For max. no. of cables	<b>17</b>	No. of screw holes	<b>4</b>
Colour	<b>grau (ähnlich RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>4 x 3.2 - 6.3 mm</b>
Width	<b>58 mm</b>		<b>2 x 4 - 7.5 mm</b>
			<b>1 x 5.5 - 10.5 mm</b>
			<b>10 x 8 - 12.5 mm</b>

**KEL-DPU 24|20-BS gy**

Part No.	<b>99300.015</b>	Height	<b>14 mm</b>
EAN	<b>4251269318603</b>	Mounting height	<b>14 mm</b>
PU	<b>5</b>	Cut-out size	<b>112 x 36 mm</b>
For max. no. of cables	<b>20</b>	No. of screw holes	<b>4</b>
Colour	<b>grau (ähnlich RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>12 x 3.2 - 5.5 mm</b>
Width	<b>58 mm</b>		<b>8 x 5 - 10.5 mm</b>

**KEL-DPU 24|21-BS gy**

Part No.	<b>99300.016</b>	Height	<b>14 mm</b>
EAN	<b>4251269318610</b>	Mounting height	<b>14 mm</b>
PU	<b>5</b>	Cut-out size	<b>112 x 36 mm</b>
For max. no. of cables	<b>21</b>	No. of screw holes	<b>4</b>
Colour	<b>grau (ähnlich RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>1 x 3.2 - 6.3 mm</b>
Width	<b>58 mm</b>		<b>14 x 4 - 7.5 mm</b>
			<b>4 x 5.5 - 10.5 mm</b>
			<b>2 x 8 - 12.5 mm</b>

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

Part No.	<b>99300.017</b>	Height	<b>14 mm</b>
EAN	<b>4251269318627</b>	Mounting height	<b>14 mm</b>
PU	<b>5</b>	Cut-out size	<b>112 x 36 mm</b>
For max. no. of cables	<b>32</b>	No. of screw holes	<b>4</b>
Colour	<b>grau (ähnlich RAL 7035)</b>	Diam. of screw holes	<b>5,8 mm</b>
Length	<b>147 mm</b>	Clamping range	<b>32 x 3.2 - 6.3 mm</b>
Width	<b>58 mm</b>		