

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

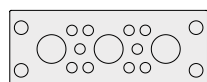
IP rating (EN 60529)	IP54, IP55, IP64, IP65, IP66, IP67, IP68
UL Type (UL 50E)	UL Type 12, UL Type 4X*
Material	Elastomer Base frame: Polypropylene
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 100 C°
Properties	intumescent (foaming), halogen free, silicone free
Mounting options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

Advantages & Benefits

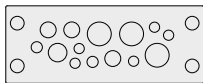
- Approved for use in railway technology (EN 45545-2, EN 45545-3, EN 1363-1 and EN 61373)
- Only one fire penetration seal per cable entry component required
- High classifications E45 / EI30
- High stability, vibration resistant
- Fast and easy assembly
- High cable density, wide variety of grommets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

Product types & Sizes

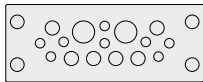
KEL-DPU 24|13-BS gy



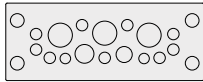
Part No.	99300.010	Width	58 mm
EAN	4251269318559	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	13	Cut-out size	112 x 36 mm
Max. cable diameter	20,5 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	10 x 3.2 - 6.3 mm 3 x 16 - 20.5 mm

KEL-DPU 24|14-BS gy

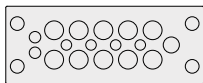
Part No.	99300.011	Width	58 mm
EAN	4251269318566	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	14	Cut-out size	112 × 36 mm
Max. cable diameter	16,2 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	5 × 3.2 - 6.3 mm 2 × 4 - 7.5 mm 3 × 5.5 - 10.5 mm 1 × 8 - 12.5 mm 3 × 12 - 16.2 mm

KEL-DPU 24|16-BS gy

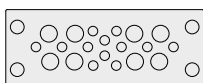
Part No.	99300.012	Width	58 mm
EAN	4251269318573	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	16	Cut-out size	112 × 36 mm
Max. cable diameter	14,5 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	8 × 3.2 - 5.5 mm 6 × 5 - 8.5 mm 2 × 9.5 - 14.5 mm

KEL-DPU 24|16-1-BS gy

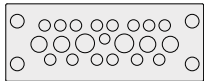
Part No.	99300.013	Width	58 mm
EAN	4251269318580	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	16	Cut-out size	112 × 36 mm
Max. cable diameter	16,2 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	2 × 3.2 - 6.3 mm 9 × 4 - 7.5 mm 1 × 5.5 - 10.5 mm 1 × 8 - 12.5 mm 3 × 12 - 16.2 mm

KEL-DPU 24|17-BS gy

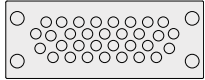
Part No.	99300.014	Width	58 mm
EAN	4251269318597	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	17	Cut-out size	112 × 36 mm
Max. cable diameter	12,5 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	4 × 3.2 - 6.3 mm 2 × 4 - 7.5 mm 1 × 5.5 - 10.5 mm 10 × 8 - 12.5 mm

KEL-DPU 24|20-BS gy

Part No.	99300.015	Width	58 mm
EAN	4251269318603	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	20	Cut-out size	112 × 36 mm
Max. cable diameter	10,5 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	12 × 3.2 - 5.5 mm 8 × 5 - 10.5 mm

KEL-DPU 24|21-BS gy

Part No.	99300.016	Width	58 mm
EAN	4251269318610	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	21	Cut-out size	112 x 36 mm
Max. cable diameter	12,5 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 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-BS gy

Part No.	99300.017	Width	58 mm
EAN	4251269318627	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	32	Cut-out size	112 x 36 mm
Max. cable diameter	6,3 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	32 x 3.2 - 6.3 mm