

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.



Specifications

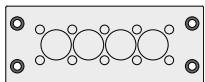
IP rating (EN 60529)	IP54, IP55, IP64, IP65, IP66, IP69K
UL Type (UL 50E)	UL Type 12
Material	Elastomer Base frame: Polypropylene
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 100 C°
Properties	silicone free, intumescent (foaming), halogen free
Mounting options	Screw type mounting

Advantages & Benefits

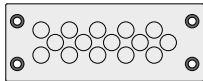
- Approved for use in railway technology (EN 45545-2, EN 45545-3, EN 1363-1 and EN 61373)
- Only one fire penetration seal per cable entry component required
- High classifications E45 / EI30
- Fast and easy assembly
- High cable density, wide variety of grommets
- Automatic sealing and strain relief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

Product types & Sizes

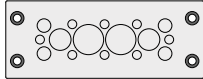
KEL-DPZ 24|14-BS gy



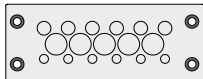
Part No.	99300.018	Width	58 mm
EAN	4251269318634	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	14	Cut-out size	112 x 36 mm
Max. cable diameter	22 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,9 mm
Length	147 mm	Clamping range	10 x 3.2 - 6.5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

KEL-DPZ 24|15-BS gy

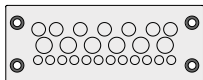
Part No.	99300.019	Width	58 mm
EAN	4251269318641	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	15	Cut-out size	112 x 36 mm
Max. cable diameter	12 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,9 mm
Length	147 mm	Clamping range	15 x 7.5 - 12 mm

KEL-DPZ 24|16-BS gy

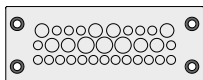
Part No.	99300.020	Width	58 mm
EAN	4251269318658	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	16	Cut-out size	112 x 36 mm
Max. cable diameter	22 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,9 mm
Length	147 mm	Clamping range	8 x 3.2 - 6.5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

KEL-DPZ 24|17-BS gy

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

KEL-DPZ 24|25-BS gy

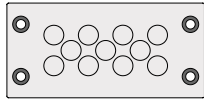
Part No.	99300.022	Width	58 mm
EAN	4251269318672	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	25	Cut-out size	112 x 36 mm
Max. cable diameter	12 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,9 mm
Length	147 mm	Clamping range	12 x 3.2 - 6.5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

KEL-DPZ 24|32-BS gy

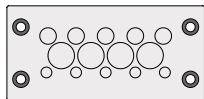
Part No.	99300.023	Width	58 mm
EAN	4251269318689	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	32	Cut-out size	112 x 36 mm
Max. cable diameter	12 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,9 mm
Length	147 mm	Clamping range	21 x 3.2 - 6.5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

KEL-DPZ 24|42-BS gy

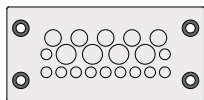
Part No.	99300.024	Width	58 mm
EAN	4251269318696	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	42	Cut-out size	112 x 36 mm
Max. cable diameter	6,5 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,9 mm
Length	147 mm	Clamping range	42 x 3.2 - 6.5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

KEL-DPZ 16|11-BS gy

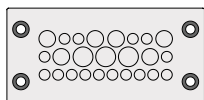
Part No.	99301.007	Width	58 mm
EAN	4251269321832	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	11	Cut-out size	86 x 36 mm
Max. cable diameter	12 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	120 mm	Clamping range	11 x 7.5 - 12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

KEL-DPZ 16|14-BS gy

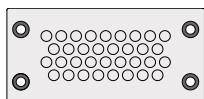
Part No.	99301.008	Width	58 mm
EAN	4251269321849	Height	14 mm
Package quantity	5	Mounting height	14 mm
For max. no. of cables	14	Cut-out size	86 x 36 mm
Max. cable diameter	16,2 mm	No. of screw holes	4
Color	gray (similar RAL 7035)	Diam. of screw holes	5,8 mm
Length	120 mm	Clamping range	5 x 3.2 - 6.5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

KEL-DPZ 16|20-BS gy

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

KEL-DPZ 16|25-BS gy

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

KEL-DPZ 16|34-BS gy

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

