

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.

IP54

IP67

HL3
EN 45545-2

RoHS
compliant

IP55

IP68

E45
EI30
EN 45545-3

REACH
COMPLIANCE

IP64

UL TYPE
12

EN 61373

Made in
Germany

IP65

UL TYPE
4X

ECOLAB
certified

IP66

CULUS

ISO 4892-2A

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	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
Color	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.	99300.011	Height	14 mm
EAN	4251269318566	Mounting height	14 mm
PU	5	Cut-out size	112 x 36 mm
For max. no. of cables	14	No. of screw holes	4
Color	grau (ähnlich RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	5 x 3.2 - 6.3 mm
Width	58 mm		2 x 4 - 7.5 mm
			3 x 5.5 - 10.5 mm
			1 x 8 - 12.5 mm
			3 x 12 - 16.2 mm

KEL-DPU 24|16-BS gy

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

KEL-DPU 24|16-1-BS gy

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

KEL-DPU 24|17-BS gy

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

KEL-DPU 24|20-BS gy

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

KEL-DPU 24|21-BS gy



Part No.	99300.016	Height	14 mm
EAN	4251269318610	Mounting height	14 mm
PU	5	Cut-out size	112 x 36 mm
For max. no. of cables	21	No. of screw holes	4
Color	grau (ähnlich RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	1 x 3.2 - 6.3 mm
Width	58 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	Height	14 mm
EAN	4251269318627	Mounting height	14 mm
PU	5	Cut-out size	112 x 36 mm
For max. no. of cables	32	No. of screw holes	4
Color	grau (ähnlich RAL 7035)	Diam. of screw holes	5,8 mm
Length	147 mm	Clamping range	32 x 3.2 - 6.3 mm
Width	58 mm		

