

KEL-DPU-OD | Multi-membrane cable entry plates

for extreme conditions, pluggable / IP66 / IP68 / UL Type 12/4X



IP54

IP55

IP64

IP65

IP66

IP67

IP68

UL TYPE
12

UL TYPE
4X

UL
746C

RoHS
compliant

REACH
COMPLIANCE

Made in
Germany

The KEL-DPU-OD is ideally suited for applications in which cable entry components are permanently exposed to strong UV radiation, weathering and temperature fluctuations. Compared to standard versions, it offers increased material resistance and extended service life in outdoor environments. Thanks to its approvals, it is particularly suitable for the use in photovoltaic systems (UL 6703, UL 6703A, UL 3703, UL 1703).

F1 listing (UV and weather resistance according to UL 746C): The long-term durability means an increased service life without embrittlement or material fatigue.

KEL-DPU-OD 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 gland KEL-DPU-OD is especially characterised by its very robust hard frame made of polypropylene which is completely moulded with elastomer. This results in a high ingress protection and stability as well as in a high strain relief level of the routed cables.

The KEL-DPU 24-OD matches exactly the cut-out dimensions of 24-pin standard industrial connectors. For optional screw assembly just pierce the membranes on the integrated screw holes with the screw itself. When plugging the KEL-DPU-OD from the inside of the enclosure the screw holes remain completely sealed by the elastomer layer.

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

ST-B Plugs can be used for sealing pierced membranes if cables have been removed.

It is also possible to integrate threaded bushings. Please ask us about your desired variant.

The version with threaded bushings enables the cable entry plate to be screwed onto the housing from the inside out. This protects against vandalism and tampering with the housing from the outside.

* IP65/IP66/IP67/IP68 when screw mounted, IP65/IP66 when snapped into the cut-out

Specifications

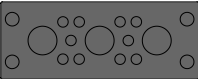
IP rating (EN 60529)	IP54, IP55, IP64, IP65, IP66, IP67, IP68
Test UL Type (UL 50E)	UL Type 12, UL Type 4X Outdoor
Material	Elastomer (UV-Beständigkeit F1) Base frame: Polyamide
Flame class	UL94-V1
Operating temperature	-40 C° to 120 C°
Properties	silicone free, vibration proof, UV-resistant
Mounting options	Screw type mounting, Snap-in

Product types & sizes

Advantages & benefits

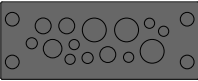
- High stability, vibration resistant
- F1 listing (UV and weather resistance according to UL 746C)
- Reliable protection in extreme climatic environments
- Fast and easy assembly
- High cable density
- Certified protection IP66/IP68 (acc. to EN 60529) and UL Type 12/4X

KEL-DPU 24|13-OD



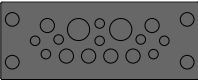
Part No.	63940	Width	58 mm
EAN	4251269338403	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	13	Cut-out size	112 x 36 mm
Max. cable diameter	20,5 mm	Threaded bushings	n/a
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	10 x 3.2 - 6.3 mm
			3 x 16 - 20.5 mm

KEL-DPU 24|14-OD



Part No.	63944	Width	58 mm
EAN	4251269338410	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	14	Cut-out size	112 x 36 mm
Max. cable diameter	16,2 mm	Threaded bushings	n/a
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	5 x 3.2 - 6.3 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-OD



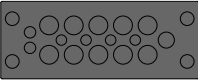
Part No.	63936	Width	58 mm
EAN	4251269338427	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	16	Cut-out size	112 x 36 mm
Max. cable diameter	14,5 mm	Threaded bushings	n/a
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	8 x 3.2 - 5.5 mm
			6 x 5 - 8.5 mm
			2 x 9.5 - 14.5 mm

KEL-DPU 24|16-1-OD



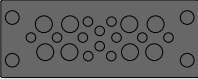
Part No.	63932	Width	58 mm
EAN	4251269338434	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	16	Cut-out size	112 x 36 mm
Max. cable diameter	16,2 mm	Threaded bushings	n/a
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	2 x 3.2 - 6.3 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-OD



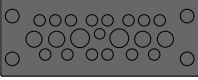
Part No.	63934	Width	58 mm
EAN	4251269338441	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	17	Cut-out size	112 x 36 mm
Max. cable diameter	12,5 mm	Threaded bushings	n/a
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	4 x 3.2 - 6.3 mm
			2 x 4 - 7.5 mm
			1 x 5.5 - 10.5 mm
			10 x 8 - 12.5 mm

KEL-DPU 24|20-OD



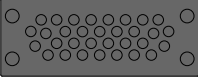
Part No.	63938	Width	58 mm
EAN	4251269338458	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	20	Cut-out size	112 x 36 mm
Max. cable diameter	10,5 mm	Threaded bushings	n/a
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	12 x 3.2 - 5.5 mm
			8 x 5 - 10.5 mm

KEL-DPU 24|21-OD



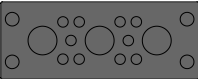
Part No.	63930	Width	58 mm
EAN	4251269338465	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	21	Cut-out size	112 x 36 mm
Max. cable diameter	12,5 mm	Threaded bushings	n/a
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 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-OD



Part No.	63942	Width	58 mm
EAN	4251269338472	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	32	Cut-out size	112 x 36 mm
Max. cable diameter	6,3 mm	Threaded bushings	n/a
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	32 x 3.2 - 6.3 mm

KEL-DPU 24|13-OD M4



Part No.	63940.400	Width	58 mm
EAN	4251269338489	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	13	Cut-out size	112 × 36 mm
Max. cable diameter	20,5 mm	Threaded bushings	M4
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	10 x 3.2 - 6.3 mm
			3 x 16 - 20.5 mm

KEL-DPU 24|14-OD M4



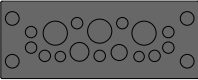
Part No.	63944.400	Width	58 mm
EAN	4251269338496	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	14	Cut-out size	112 × 36 mm
Max. cable diameter	16,2 mm	Threaded bushings	M4
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	5 x 3.2 - 6.3 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-OD M4



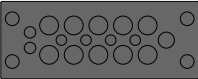
Part No.	63936.400	Width	58 mm
EAN	4251269338502	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	16	Cut-out size	112 × 36 mm
Max. cable diameter	14,5 mm	Threaded bushings	M4
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	8 x 3.2 - 5.5 mm
			6 x 5 - 8.5 mm
			2 x 9.5 - 14.5 mm

KEL-DPU 24|16-1-OD M4



Part No.	63932.400	Width	58 mm
EAN	4251269338519	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	16	Cut-out size	112 × 36 mm
Max. cable diameter	16,2 mm	Threaded bushings	M4
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	2 x 3.2 - 6.3 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-OD M4



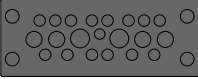
Part No.	63934.400	Width	58 mm
EAN	4251269338526	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	17	Cut-out size	112 × 36 mm
Max. cable diameter	12,5 mm	Threaded bushings	M4
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 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-OD M4



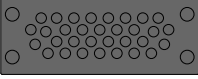
Part No.	63938.400	Width	58 mm
EAN	4251269338533	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	20	Cut-out size	112 × 36 mm
Max. cable diameter	10,5 mm	Threaded bushings	M4
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	12 × 3.2 - 5.5 mm
			8 × 5 - 10.5 mm

KEL-DPU 24|21-OD M4



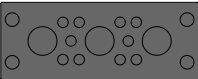
Part No.	63930.400	Width	58 mm
EAN	4251269338540	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	21	Cut-out size	112 × 36 mm
Max. cable diameter	12,5 mm	Threaded bushings	M4
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	1 × 3.2 - 6.3 mm
			14 × 4 - 7.5 mm
			4 × 5.5 - 10.5 mm
			2 × 8 - 12.5 mm

KEL-DPU 24|32-OD M4



Part No.	63942.400	Width	58 mm
EAN	4251269338557	Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	32	Cut-out size	112 × 36 mm
Max. cable diameter	6,3 mm	Threaded bushings	M4
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	32 × 3.2 - 6.3 mm

KEL-DPU 24|13-OD M4 (V2A)



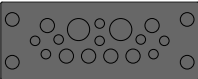
Part No.	63940.240	Width	58 mm
EAN		Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	13	Cut-out size	112 × 36 mm
Max. cable diameter	20,5 mm	Threaded bushings	M4 (V2A)
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	10 x 3.2 - 6.3 mm 3 x 16 - 20.5 mm

KEL-DPU 24|14-OD M4 (V2A)



Part No.	63944.240	Width	58 mm
EAN		Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	14	Cut-out size	112 × 36 mm
Max. cable diameter	16,2 mm	Threaded bushings	M4 (V2A)
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	5 x 3.2 - 6.3 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-OD M4 (V2A)



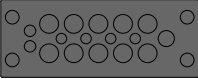
Part No.	63936.240	Width	58 mm
EAN		Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	16	Cut-out size	112 × 36 mm
Max. cable diameter	14,5 mm	Threaded bushings	M4 (V2A)
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	8 x 3.2 - 5.5 mm 6 x 5 - 8.5 mm 2 x 9.5 - 14.5 mm

KEL-DPU 24|16-1-OD M4 (V2A)



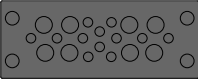
Part No.	63932.240	Width	58 mm
EAN		Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	16	Cut-out size	112 × 36 mm
Max. cable diameter	16,2 mm	Threaded bushings	M4 (V2A)
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	2 x 3.2 - 6.3 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-OD M4 (V2A)



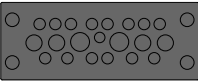
Part No.	63934.240	Width	58 mm
EAN		Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	17	Cut-out size	112 × 36 mm
Max. cable diameter	12,5 mm	Threaded bushings	M4 (V2A)
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	4 x 3.2 - 6.3 mm
			2 x 4 - 7.5 mm
			1 x 5.5 - 10.5 mm
			10 x 8 - 12.5 mm

KEL-DPU 24|20-OD M4 (V2A)



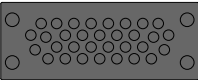
Part No.	63938.240	Width	58 mm
EAN		Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	20	Cut-out size	112 × 36 mm
Max. cable diameter	10,5 mm	Threaded bushings	M4 (V2A)
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	12 x 3.2 - 5.5 mm
			8 x 5 - 10.5 mm

KEL-DPU 24|21-OD M4 (V2A)



Part No.	63930.240	Width	58 mm
EAN		Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	21	Cut-out size	112 × 36 mm
Max. cable diameter	12,5 mm	Threaded bushings	M4 (V2A)
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 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-OD M4 (V2A)



Part No.	63942.240	Width	58 mm
EAN		Height	14 mm
Package quantity	10	Mounting height	14 mm
For max. no. of cables	32	Cut-out size	112 × 36 mm
Max. cable diameter	6,3 mm	Threaded bushings	M4 (V2A)
Colour	anthrazit (ähnlich RAL 7016)	For min. wall thickness	1,5 mm
Length	147 mm	For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	5,8 mm
		Clamping range	32 x 3.2 - 6.3 mm