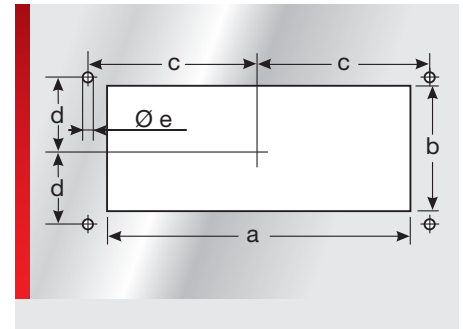
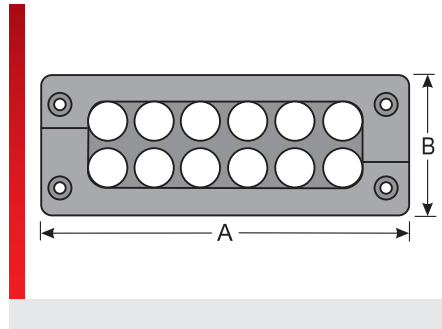




Cable entry plates for railway technology



Type KDL/D-EN cable entry system



PRODUCT INFORMATION

The KDL/D-EN cable entry systems is designed for inserting pre-assembled cables. The KDL/D-EN system is a splittable system that enables the quick and simple installation of up to 12 pre-assembled cables with a high packing density in control cabinets and terminal boxes.

Special benefits of the KDL/D-EN are:

- Approved for railway technology (EN 45545-2:2013)
- Cable infeed without interruption
- Standardized cut-out dimensions
- Easy assembly
- High protection class to IP 65
- Very robust construction
- Integrated strain relief

SPECIFICATIONS

	-22.00 – 212.00 °F
	Frame: Polyamide Block: TPE
	V0
	(with suitable grommets and cables) IP 65
	
	
	

Type	Part number	Color	No. Openings small / large	Pack qty.
For standard cut-out size 24				
KDL/D-EN 24/12	87141110	black	12 / 0	1.00
KDL/D-EN 24/9	87141122	black	8 / 1	1.00
KDL/D-EN 24/8	87141118	black	6 / 2	1.00
KDL/D-EN 24/4	87141114	black	0 / 4	1.00
For standard cut-out size 16				
KDL/D-EN 16/8	87141126	black	8 / 0	1.00
KDL/D-EN 16/7	87141130	black	6 / 1	1.00
KDL/D-EN 16/3	87141134	black	0 / 3	1.00
For standard cut-out size 10				
KDL/D-EN 10/6	87141138	black	6 / 0	1.00
KDL/D-EN 10/5	87141142	black	4 / 1	1.00
KDL/D-EN 10/2	87141139	black	0 / 2	1.00
For standard cut-out size 6				
KDL/D-EN 6/4	87141144	black	4 / 0	1.00
Special size				
KDL/D-EN 1/6	87141148	black	6 / 0	1.00

Dimension table

[illegible]

Type KDT/X-EN cable entry grommet



PRODUCT INFORMATION

The KDT/X-EN cable entry grommet, in conjunction with the KDL/EN cable entry system, can be used to easily insert and route pre-assembled cables e.g. in control cabinets. The grommet is 1-piece and is subsequently positioned around the cable.

- Approved for railway technology (EN 45545-2:2013)

SPECIFICATIONS

	-22.00 – 212.00 °F
	TPE
	VO

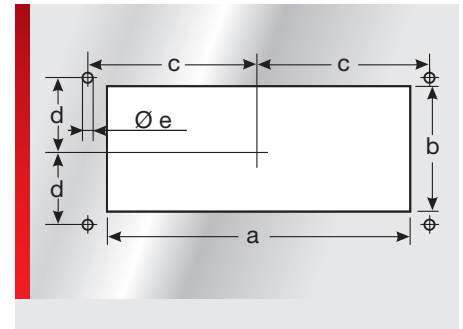
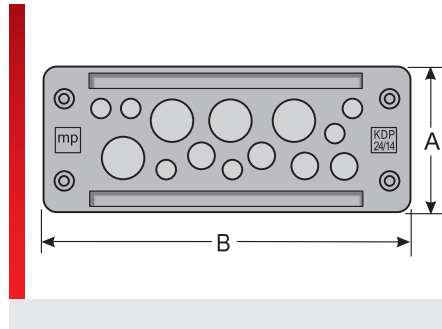
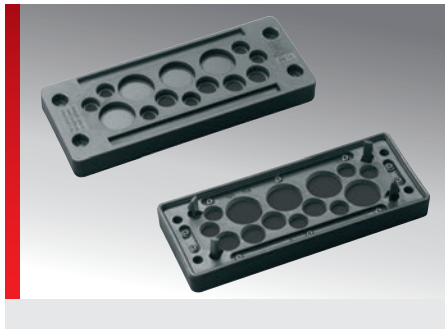


Type	Part number	Color	For Ø inch	For opening small / large	No. of openings	Pack qty.
Grommet, small						
KDT/X-EN 02	87141310	black	0.08 – 0.12	• / -	1	12.00
KDT/X-EN 03	87141312	black	0.12 – 0.16	• / -	1	12.00
KDT/X-EN 04	87141314	black	0.16 – 0.20	• / -	1	12.00
KDT/X-EN 05	87141316	black	0.20 – 0.24	• / -	1	12.00
KDT/X-EN 06	87141318	black	0.24 – 0.28	• / -	1	12.00
KDT/X-EN 07	87141320	black	0.28 – 0.31	• / -	1	12.00
KDT/X-EN 08	87141322	black	0.31 – 0.35	• / -	1	12.00
KDT/X-EN 09	87141324	black	0.35 – 0.39	• / -	1	12.00
KDT/X-EN 10	87141326	black	0.39 – 0.43	• / -	1	12.00
KDT/X-EN 11	87141328	black	0.43 – 0.47	• / -	1	12.00
BTK/X-EN (dummy grommet)	87141370	black		• / -		12.00
Grommet, large						
KDT/X-EN 12	87141330	black	0.47 – 0.51	- / •	1	4.00
KDT/X-EN 13	87141332	black	0.51 – 0.55	- / •	1	4.00
KDT/X-EN 14	87141334	black	0.55 – 0.59	- / •	1	4.00
KDT/X-EN 15	87141336	black	0.59 – 0.63	- / •	1	4.00
KDT/X-EN 16	87141338	black	0.63 – 0.67	- / •	1	4.00
KDT/X-EN 17	87141340	black	0.67 – 0.71	- / •	1	4.00
KDT/X-EN 18	87141342	black	0.71 – 0.75	- / •	1	4.00
KDT/X-EN 19	87141344	black	0.75 – 0.79	- / •	1	4.00
KDT/X-EN 20	87141346	black	0.79 – 0.83	- / •	1	4.00
KDT/X-EN 21	87141348	black	0.83 – 0.87	- / •	1	4.00

Type KDT/X-EN cable entry grommet (Continued...)

[illegible]

Cable entry plate plastic, type KDP/EN



PRODUCT INFORMATION

The KDP/EN 24 cable gland plates are made of modified Polyamide 6 and are cable entry and retaining systems for cables and pneumatic hoses, used in control cabinets or plant construction specifically in the railway industry. Wherever quick assembly, cable-protecting and high packing density are required, the cable insertion system is used.

The special benefits of the KDP/EN 24 are:

- Enormous time savings in assembly
- High packing density
- Standardized cut-out dimensions
- Option of labeling
- Protection category IP 65
- Approved for railway technology (EN 45545-2:2013)

SPECIFICATIONS

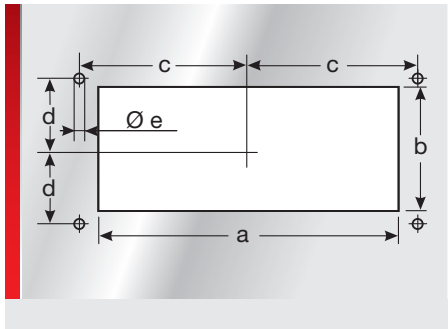
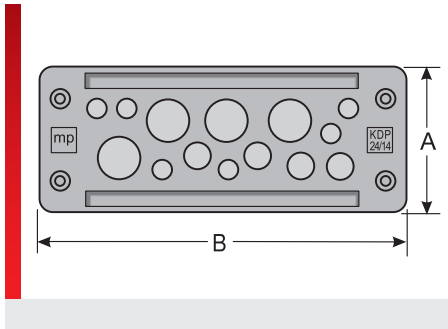
	-22.00 – 158.00 °F
	Enclosure: Polyamide 6 Seal: EPDM
	V0
	IP 65
	RoHS
	EU
	Made in Germany

Type	Part number	Color	No. Openings	Openings Quantity / Ø inch	Pack qty.
KDP/EN 24/11	87301210	black	11	4x 0.12 – 0.26	1.00
				4x 0.2 – 0.36	
				3x 0.55 – 0.79	
KDP/EN 24/12	87301220	black	12	12x 0.31 – 0.47	1.00
KDP/EN 24/13	87301230	black	13	2x 0.12 – 0.22	1.00
				6x 0.16 – 0.32	
				4x 0.35 – 0.55	
				1x 0.55 – 0.79	
KDP/EN 24/14	87301240	black	14	6x 0.12 – 0.26	1.00
				4x 0.2 – 9.2	
				4x 0.38 – 0.63	
KDP/EN 24/17	87301250	black	17	17x 0.2 – 0.36	1.00
KDP/EN 24/17-1	87301251	black	17	11x 0.12 – 0.26	1.00
				1x 0.16 – 0.32	
				5x 0.31 – 0.49	
KDP/EN 24/22	87301260	black	22	16x 0.12 – 0.26	1.00
				4x 0.2 – 0.36	
				2x 0.31 – 0.49	
KDP/EN 24/23	87301270	black	23	23x 0.16 – 0.32	1.00
KDP/EN 24/29	87301280	black	29	29x 0.12 – 0.26	1.00
KDP/EN 24/80	87301290	black	80	78x 0.06 – 0.1	1.00
				2x 0.1 – 0.2	

Dimension table

[illegible]

Cable entry plate plastic, type KDP/EN-RA



PRODUCT INFORMATION

The KDP/EN-RA 24 cable gland plates are made of modified Polyamide 6 and are cable entry and retaining systems for cables and pneumatic hoses, used in control cabinets or plant construction specifically in the railway industry. The fire protection mat, enclosed in the supply, reacts at temperatures exceeding 160°C (320 °F) by expanding and thereby closing off the opening completely fire resistant. Wherever quick assembly, cable-protecting and high packing density are required, the

cable insertion system is used. Special benefits of the KDP/EN-RA 24 are:

- Enormous time savings in assembly
- High packing density
- Standardized cut-out dimensions
- Option of labeling
- Protection category IP 65
- Room integrity (firewall)
- Approved for railway technology (EN 45545-2:2013)

SPECIFICATIONS

-22.00 – 158.00 °F

Enclosure: Polyamide 6
Seal: EPDM

V0

IP 65

Type	Part number	Color	No. Openings	Openings Quantity / Ø inch	Pack qty.
KDP/EN-RA 24/11	87301215	black	11	4x 0.12 – 0.26	1.00
				4x 0.2 – 0.36	
				3x 0.55 – 0.79	
KDP/EN-RA 24/12	87301225	black	12	12x 0.31 – 0.47	1.00
KDP/EN-RA 24/13	87301235	black	13	2x 0.12 – 0.22	1.00
				6x 0.16 – 0.32	
				4x 0.35 – 0.55	
KDP/EN-RA 24/14	87301245	black	14	1x 0.55 – 0.79	1.00
				6x 0.12 – 0.26	
				4x 0.2 – 0.36	
KDP/EN-RA 24/17	87301255	black	17	4x 0.38 – 0.63	1.00
				17x 0.2 – 0.36	
				11x 0.12 – 0.26	
KDP/EN-RA 24/17-1	87301256	black	17	1x 0.16 – 0.32	1.00
				5x 0.31 – 0.49	
				16x 0.12 – 0.26	
KDP/EN-RA 24/22	87301265	black	22	4x 0.2 – 9.2	1.00
				2x 0.31 – 0.49	
				23x 0.16 – 0.32	
KDP/EN-RA 24/23	87301275	black	23	23x 0.16 – 0.32	1.00
KDP/EN-RA 24/29	87301285	black	29	29x 0.12 – 0.26	1.00
KDP/EN-RA 24/80	87301295	black	80	78x 0.06 – 0.1	1.00
				2x 0.1 – 0.2	

Dimension table

[illegible]