

Overview

KDL/D and KDL/D-MONO Cable Entry System

The KDL/D and KDL/D-MONO cable entry systems allow a cable to be installed through an enclosure or other bulkhead surfaces, with the added benefit that pre-made, terminated cables can be installed without disassembling the connectors.

The KDL/D Series is a split-frame system that enables the quick and simple installation of up to 48 cables in a single frame. The KDL/D-MONO series is a round split-frame that enables the quick and simple installation of up to 8 cables in a single frame.

The KDL/D and KDL/D-MONO cable systems' robust multi-part frame design gives better mechanical stability while achieving a high degree of environmental protection.

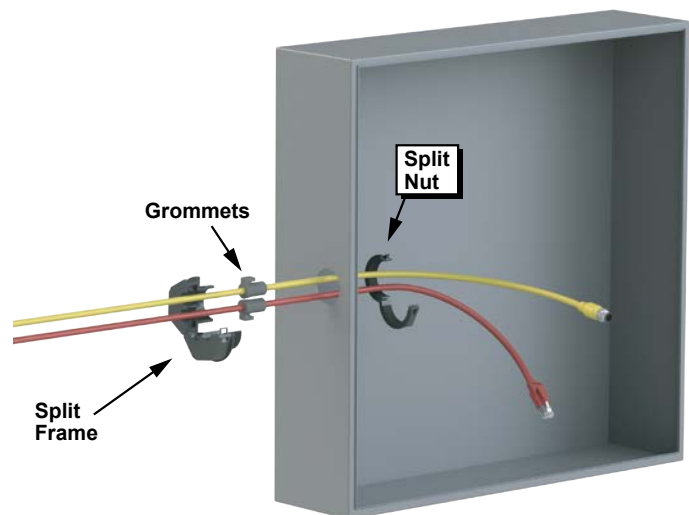
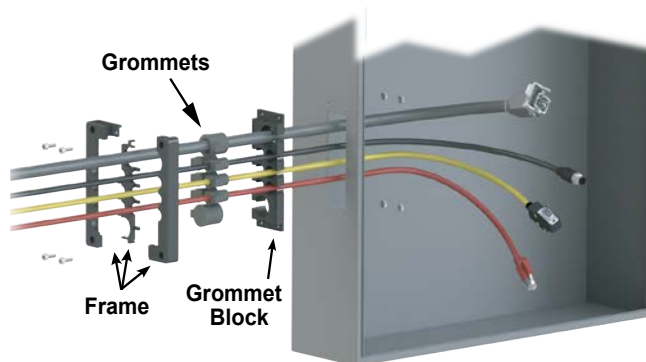


Features

- KDL/D available in 4 frame sizes
- KDL/D-MONO available in 3 frame sizes
- Uninterrupted cable guidance
- Easy assembly
- Integrated strain relief
- Fits standard cut-out dimensions
- High protection class IP65
- Matching grommets: KDT/X
- KDL/D 24/12, 16/8, 10/6, 6/4 - UL Type 1, 12
- KDL/D 24/9, 24/8, 24/4, 16/7, 16/3, 10/5, 10/2 - UL Type 1, 12, 4x indoor use only
- KDL/D-mono - UL Type 1, 12
- Operating temperature: -22 to 212°F [-30 to 100°C]
- Flammability: V0 - UL94
- Halogen-free
- 2-year warranty

Agency Approvals

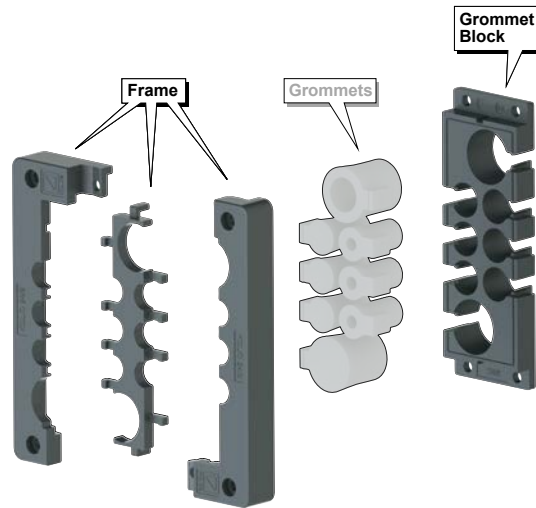
- cURus, meets UL508A under File E481225



Mounting hardware not included.
Recommended screw 4 x M5 (2.5 - 3.5 N•m)

Frames - KDL/D Series

The KDL/D series is a multi-part split-frame system that clamps together with a grommet block and uses the KDT/X series grommets to provide a high-density cable entry point with an IP65 environmental rating. The KDL/D system allows for easy installation of pre-assembled cables as well as non-terminated cables. The KDT/X series grommets are sold separately to allow the correct opening size for each cable. Depending on the grommet and frame combination used, up to 48 cables can be quickly and simply installed in a single frame. The grommet block is included with each frame. The KDT/X grommets are sold separately.



Frames - KDL/D Series						
Part Number	Price	Qty	Number of Openings Small / Medium / Large	Frame Size / Number of Openings	Drawing Link	Requires
Frame Size 24						
568321	\$4ggo:	1	12 / 0 / 0	KDL/D 24/12	PDF	(12) Murrplastik KDT/X series small grommets
568327	\$4ggp:	1	8 / 1 / 0	KDL/D 24/9	PDF	(8) Murrplastik KDT/X series small grommets and (1) medium grommet
568325	\$4ggq:	1	6 / 2 / 0	KDL/D 24/8	PDF	(6) Murrplastik KDT/X series small grommets and (2) medium grommets
568323	\$4ggs:	1	0 / 4 / 0	KDL/D 24/4	PDF	(4) Murrplastik KDT/X series medium grommets
568320	\$-6dai:	1	0 / 1 / 2	KDL/D 24/3	PDF	(2) Murrplastik KDT/X series large grommets and (1) medium grommet
Frame Size 16						
568329	\$-4ggt:	1	8 / 0 / 0	KDL/D 16/8	PDF	(8) Murrplastik KDT/X series small grommets
568328	\$-4ggi:	1	6 / 1 / 0	KDL/D 16/7	PDF	(6) Murrplastik KDT/X series small grommets and (1) medium grommet
563830	\$-4ggj:	1	0 / 3 / 0	KDL/D 16/3	PDF	(3) Murrplastik KDT/X series medium grommets
568318	\$6dah:	1	0 / 2 / 0	KDL/D 16/2	PDF	(2) Murrplastik KDT/X series large grommets
Frame Size 10						
568331	\$4ggk:	1	6 / 0 / 0	KDL/D 10/6	PDF	(6) Murrplastik KDT/X series small grommets
568332	\$-4ggj:	1	4 / 1 / 0	KDL/D 10/5	PDF	(4) Murrplastik KDT/X series small grommets and (1) medium grommet
568334	\$4ggn:	1	0 / 0 / 2	KDL/D 10/2	PDF	(2) Murrplastik KDT/X series medium grommets
Frame Size 6						
568333	\$4ggu:	1	4 / 0 / 0	KDL/D 6/4	PDF	(4) Murrplastik KDT/X series small grommets
Special Frame Size						
568317	\$6dag:	1	4 / 0 / 0	KDL/D-R M50/4	PDF	(4) Murrplastik KDT/X series small grommets

Frame:
PP
(Polypropylene)

Grommet
Block TPE
(Thermoplastic
Elastomer)



[568321](#)



[568329](#)



[568331](#)



[568333](#)



[568317](#)

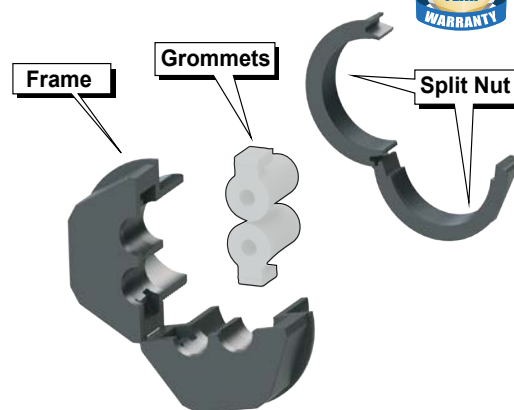
Notes: Meets UL508A under File E481225

Mounting hardware not included with frames. Recommended screw: 4 x M5 [2.5 to 3.5 N·m]



Frames - KDL/D-MONO Series

The KDL/D-MONO series is a multi-part split-frame system that clamps together using the KDT/X series grommets to provide a high-density cable entry point with an IP65 environmental rating. The KDL/D system allows for easy installation of pre-assembled cables as well as non-terminated cables. The KDT/X series grommets are sold separately to allow the correct opening size for each cable. Depending on the grommet and frame combination used, up to 8 cables can be quickly and simply installed in a single frame. The split nut is included with each frame.



Frames - KDL/D-Mono Series						
Part Number	Price	Qty	Number of Openings Small / Medium / Large	Frame Size / Number of Openings	Requires	Drawing Link
Frame Size M25 x 1.5mm						
568610	\$;4]cn:	5	1 / 0 / 0	KDL/D-mono 1 M25	(1) Murrplastik KDT/X series small grommets	PDF
Frame Size M32 x 1.5mm						
568620	\$;4]co:	5	0 / 1 / 0	KDL/D-mono 1 M32	(1) Murrplastik KDT/X series medium grommets	PDF
Frame Size M40 x 1.5mm						
568630	\$;4]cq:	5	2 / 0 / 0	KDL/D-mono 2 M40	(2) Murrplastik KDT/X series small grommets	PDF
568636	\$;4]cp:	5	0 / 1 / 0	KDL/D-mono 1 M40	(1) Murrplastik KDT/X series medium grommets	PDF
Frame Size M50 x 1.5mm						
568640	\$-6]dal:	5	0 / 0 / 1	KDL/D-mono 1 M50	(1) Murrplastik KDT/X series large grommets	PDF

Frame:
Polyamide 6



[568610](#)



[568620](#)

Note: Meets UL508A under File E481225



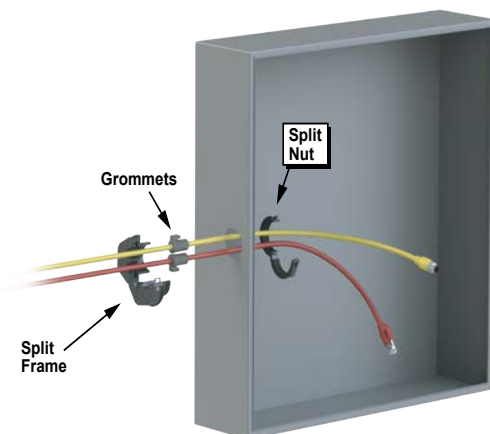
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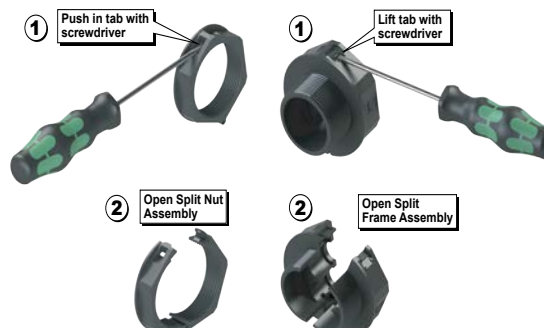
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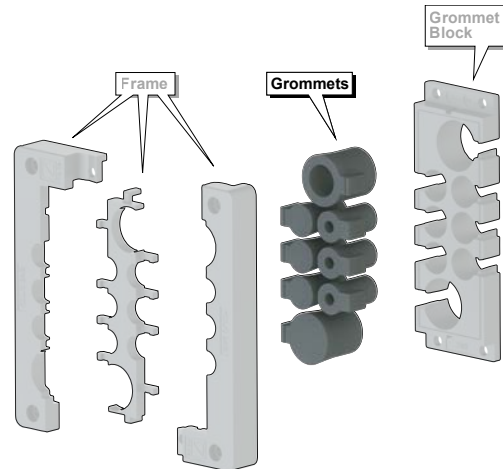
How to open Split Nut and Split Frame





Grommets (Small) KDT/X Series

The KDT/X series grommets are perfect for cable entries of round cables. The small version can accept cable diameters between 0.08 to 0.47 inches [2 to 12 mm]. Also available for higher density are the double cable grommets and multi-line grommets that can accept more than a single cable. A blank grommet is also available for any unused small openings in the grommet block.



Grommets (Small) - KDT/X Series							
Part Number	Price	Qty	For Use With Cable Ø mm [inches]	Number of Openings	Type	Drawing Link	Material
Single Cable Grommets for Small Opening							TPE (Thermoplastic Elastomer)
568335	\$4ggv:	4	2 - 3 [0.08 - 0.12]	1	KDT/X 02 ¹	PDF	
568337	\$4ggx:	4	3 - 4 [0.12 - 0.16]		KDT/X 03 ¹	PDF	
568339	\$4ggy:	4	4 - 5 [0.16 - 0.20]		KDT/X 04 ¹	PDF	
568341	\$4ggz:	4	5 - 6 [0.20 - 0.24]		KDT/X 05 ¹	PDF	
568343	\$;4ggj:	4	6 - 7 [0.24 - 0.28]		KDT/X 06 ¹	PDF	
568345	\$;4ggk:	4	7 - 8 [0.28 - 0.31]		KDT/X 07 ¹	PDF	
568347	\$4gg_:	4	8 - 9 [0.31 - 0.35]		KDT/X 08 ¹	PDF	
568349	\$4gg#:	4	9 - 10 [0.35 - 0.39]		KDT/X 09 ¹	PDF	
568351	\$;4gg!:	4	10 - 11 [0.39 - 0.43]		KDT/X 10 ¹	PDF	
568353	\$4gg?:	4	11 - 12 [0.43 - 0.47]		KDT/X 11 ¹	PDF	
568395	\$;4gg,::	4	Blank	0	BTK/X ¹	PDF	
Double Cable Grommet For Small Opening							
568399	\$4gh0:	4	2 [0.08] ³	2	KDT/X 2x2 ²	PDF	
568403	\$4gh2:	4	3 - 3.5 [0.12-0.14] ³		KDT/X 2x3 ²	PDF	
568407	\$4gh4:	4	4 [0.16] ³		KDT/X 2x4 ²	PDF	
Multi-Line Grommet For Small Opening							
568401	\$4gh1:	4	2 [0.08] ³	4	KDT/X 4x2 ²	PDF	
568405	\$4gh3:	4	3 [0.12] ³		KDT/X 4x3 ²	PDF	
568409	\$4gh5:	4	4 [0.16] ³		KDT/X 4x4 ²	PDF	

**568335****568395****568399****568401**

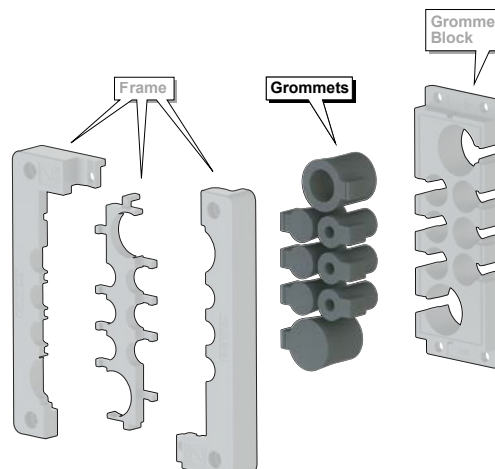
Notes: ¹ Meets UL508A under File E481225.

² For use with KDL/D and KDL/D Mono.

³ IP65 rating is met when used with cable of specified diameter.

Grommets (Medium) KDT/X Series

The KDT/X series grommets are perfect for round cables. The medium version can accept cable diameters between 0.47 to 0.87 inches [12 to 22mm]. Also available for higher cable density are the double cable grommets and multi-line grommets that can accept more than a single cable. A blank grommet is also available for any unused medium openings in the grommet block.



Grommets (Medium) - KDT/X Series

Grommets (Medium) - KDT/X Series							
Part Number	Price	Qty	For Use With Cable Ø mm [Inches]	Number of Openings	Type	Drawing Link	Material
Single Cable Grommets for Medium Opening							TPE (Thermoplastic Elastomer)
568355	\$4gh6:	4	12 - 13 [0.47 - 0.51]	1	KDT/X 12 ¹	PDF	
568357	\$4gh7:	4	13 - 14 [0.51 - 0.55]		KDT/X 13 ¹	PDF	
568359	\$4gh8:	4	14 - 15 [0.55 - 0.59]		KDT/X 14 ¹	PDF	
568361	\$4gh9:	4	15 - 16 [0.59 - 0.63]		KDT/X 15 ¹	PDF	
568363	\$4gha:	4	16 - 17 [0.63 - 0.67]		KDT/X 16 ¹	PDF	
568365	\$4ghb:	4	17 - 18 [0.67 - 0.71]		KDT/X 17 ¹	PDF	
568367	\$4ghc:	4	18 - 19 [0.71 - 0.75]		KDT/X 18 ¹	PDF	
568369	\$4ghd:	4	19 - 20 [0.75 - 0.79]		KDT/X 19 ¹	PDF	
568371	\$4ghe:	4	20 - 21 [0.79 - 0.83]		KDT/X 20 ¹	PDF	
568373	\$4ghf:	4	21 - 22 [0.83 - 0.87]		KDT/X 21 ¹	PDF	
568391	\$4ghg:	4	Blank	0	BTG/X ¹	PDF	
Double Cable Grommet For Medium Opening							
568411	\$-4ghi:	4	5 [0.20] ³	2	KDT/X 2x5 ²	PDF	
568414	\$4ghk:	4	6 [0.24] ³		KDT/X 2x6 ²	PDF	
568416	\$4ghn:	4	7 [0.28] ³		KDT/X 2x7 ²	PDF	
568419	\$4ghq:	4	8 [0.31] ³		KDT/X 2x8 ²	PDF	
Multi-Line Grommet For Medium Opening							
568413	\$-4ghj:	4	5 [0.20] ³	4	KDT/X 4x5 ²	PDF	
568415	\$-4ghl:	4	6 [0.24] ³		KDT/X 4x6 ²	PDF	
568417	\$4ghp:	4	7 [0.28] ³		KDT/X 4x7 ²	PDF	
568421	\$4ghs:	4	8 [0.31] ³		KDT/X 4x8 ²	PDF	



568355



568391



568411



568413

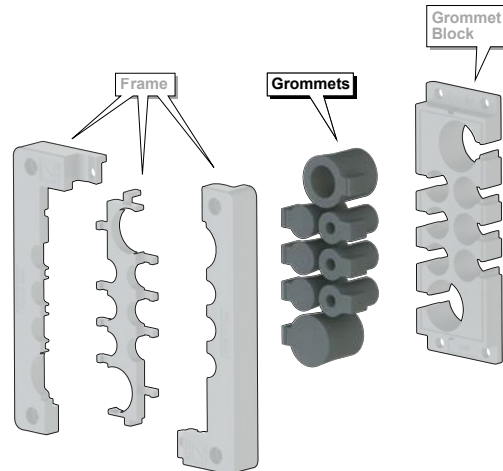
Notes: ¹ Meets UL508A under file E481225.

² For use with KDL/D and KDL/D Mono.

³ IP65 rating is met when used with cable of specified diameter.

Grommets (Large) KDT/X Series

The KDT/X series grommets are perfect for round cables. The large version can accept cable diameters between 0.87 to 1.18 inches [22 to 30mm]. Also available for higher cable density are the double cable grommets and multi-line grommets that can accept more than a single cable. A blank grommet is also available for any unused medium openings in the grommet block.



Grommets (Large) - KDT/X Series							
Part Number	Price	Qty	For Use With Cable Ø mm [Inches]	Number of Openings	Type	Drawing Link	Material
Single Cable Grommets for Large Opening							TPE (Thermoplastic Elastomer)
568375	\$-6daj:	4	22 - 23 [0.87 - 0.91]	1	KDT/X 22 ¹	PDF	
568377	\$6dak:	4	23 - 24 [0.91 - 0.94]		KDT/X 23 ¹	PDF	
568379	\$6dab:	4	24 - 25 [0.94 - 0.98]		KDT/X 24 ¹	PDF	
568381	\$6dac:	4	25 - 26 [0.98 - 1.02]		KDT/X 25 ¹	PDF	
568383	\$6dad:	4	26 - 27 [1.02 - 1.06]		KDT/X 26 ¹	PDF	
568385	\$6dae:	4	27 - 28 [1.06 - 1.10]		KDT/X 27 ¹	PDF	
568387	\$,6daf:	4	28 - 29 [1.10 - 1.14]		KDT/X 28 ¹	PDF	
568389	\$6dap:	4	29 - 30 [1.14 - 1.18]		KDT/X 29 ¹	PDF	
568397	\$6daq:	4	Blank	0	BTG/XL ¹	PDF	

Notes: ¹ Meets UL508A under File E481225.

For use with KDL/D and KDL/D Mono.

IP65 rating is met when used with cable of specified diameter.



[568375](#)



[568389](#)



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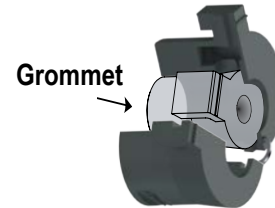
Grommet Adapter - ATG/X Series

The ATG/X series grommet adapter gives the flexibility of installing a small grommet into medium grommet openings, allowing greater flexibility in your cabling applications.

Grommet Adapter - ATG/X Series					
Part Number	Price	Qty	Type	Drawing Link	Material
568393	\$4ghh:	4	ATG/X ¹	PDF	TPE (Thermoplastic Elastomer)



568393



Discharge Plate - KDL-AB Series

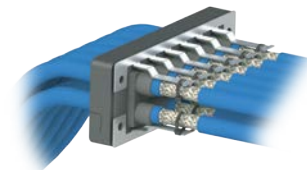
The discharge plate provides a means to eliminate interference that can occur on cable shields. The discharge plate can be used with the KDL/D 24/12 (ADC part number 568321) frame only and should be installed on the inside of the control cabinet, directly to the fixing points of the cable entry frame. The discharge plate is made of high-quality 1.4310 (V2A) stainless steel. The KDL/D 24/12 frame can accommodate either 1 or 2 discharge plates.

Discharge Plate - KDL-AB Series							
Part Number	Price	Qty	Number Of Discharges	Type	Material	Drawing Link	For Use With
569321	\$4gho:	1	6	KDL-AB 24/6-EMV ¹	Stainless Steel 1.4310 (V2A)	PDF	568321

Note: ¹ No UR approval



569321 2 shown in photo below



Features

- High stability
- Easy installation of the screen clip system
- Compact design