

Overview

Cable Entry System KDP/X and KDP/R Series

The KDP/X and KDP/R cable entry systems are one-piece systems that allow for a high density of cables to pass through a small area of an enclosure or other bulkhead surfaces. The robust frame designs give better mechanical stability while achieving a high degree of environmental protection.

The KDP/X series is a fourth-generation cable entry frame with improved tool-free clip-in mounting and one instead of two elastomer layers. This is a great alternative to cable fittings when having many cables and space is an issue. These frames use standard cutouts with tool-free clip-in mounting or screw mounting options. The KDP/X series enables the quick and simple installation of up to 29 cables in a single frame.

The KDP/R series is a round type cable entry frame in 2 sizes, M50 x 1.5 mm or M63 x 1.5 mm. Designed to easily snap into 1.5 to 2.0 mm wall thickness or can be secured into place using the optional lock nut. The KDP/R series enables the quick and simple installation of up to 46 cables in a single frame.

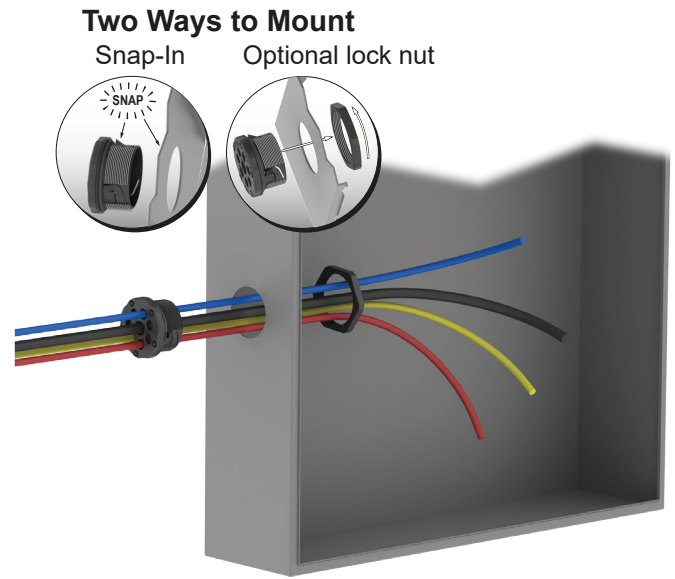
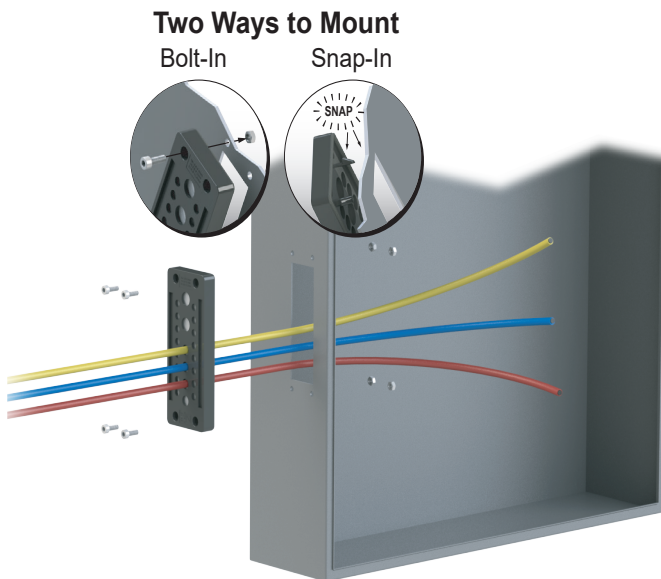


Features

- Available in 2 frame types
- Quick and easy to install
- Mounting options:
Snap-in (both) or bolt-in (KDP/X) or lock nut (KDP/R)
- Integrated strain relief
- Fits standard cut-out dimensions
- High protection class IP65
- UL Type rating:
KDP/X - UL Type 1, 12 KDP/R - UL Type 1
- Operating temperature:
KDP/X -22 to 158°F [-30 to 70°C]
KDP/R -22 to 194°F [-30 to 90°C]
- Flammability: V0 - UL94 (frame)
- Halogen-free
- 2-year warranty

Agency Approvals

- cURus, meets UL508A under File E481225



Screw mounting hardware not included with frames. Recommended screw: 4 x M5 (0.8 to 1.2 N•m)
 Tool-free clip-in mounting, frame thickness of 0.06 to 0.08 inches (1.5 to 2.0 mm) is required.

Frames - KDP/X Series

The KDP/X series is a fourth generation cable entry frame with improved tool-free clip-in mounting and one instead of two elastomer layers. This is a great alternative to cable fittings when having a large number of cables and space is an issue. These frames use standard cutouts with tool-free clip-in mounting for wall thickness 1.5 to 2mm or screw mounting options.

Frames - KDP/X Series						
Part Number	Price	Qty	Number Of Openings	Type	Drawing Link	Material
Frame Size 24						
567305	\$41.50	1	(2) 3 to 6.5 mm (1) 5 to 9.2 mm (5) 9 to 14 mm (2) 14 to 20 mm	KDP/X 24/10	PDF	Frame: Polyamide 6.6 Seal: TPU/ EPDM Thermoplastic polyurethane/ [ethylene propylene diene monomer]
567315	\$41.50	1	(4) 3 to 6.5 mm (4) 5 to 9.2 mm (3) 14 to 20 mm	KDP/X 24/11	PDF	
567325	\$41.50	1	(12) 8 to 12 mm	KDP/X 24/12	PDF	
567335	\$41.50	1	(2) 3 to 5.5 mm (6) 4.1 to 8.1 mm (4) 9 to 14 mm (1) 14 to 20 mm	KDP/X 24/13	PDF	
567345	\$41.50	1	(6) 3 to 6.5 mm (4) 5 to 9.2 mm (4) 9.6 to 15.9 mm	KDP/X 24/14	PDF	
567355	\$41.50	1	(17) 5 to 9.2 mm	KDP/X 27/17	PDF	
567356	\$41.50	1	(11) 3 to 6.5 mm (1) 4.1 to 8.1 mm (5) 8 to 12.5 mm	KDP/X 24/17-1	PDF	
567398	\$41.50	1	(2) 3.5 to 6.5 mm (14) 5 to 9.2 mm (3) 7.5 to 11.5 mm	KDP/X 24/19	PDF	
567365	\$41.50	1	(16) 3 to 6.5 mm (4) 5 to 9.2 mm (2) 8 to 12.5 mm	KDP/X 24/22	PDF	
567399	\$41.50	1	(16) 3.5 to 6.5 mm (4) 7.5 to 11.5 mm (2) 9 to 14 mm	KDP/X 24/22-1	PDF	
567375	\$41.50	1	(23) 4.1 to 8.1 mm	KDP/X 24/23	PDF	
567385	\$41.50	1	(29) 3 to 6.5 mm	KDP/X 24/29	PDF	

Notes: Screw mounting hardware not included with frames. Recommended screw: 4 x M5 (0.8 to 1.2 N•m)
Tool-free clip-in mounting, frame thickness of 0.06 to 0.08 inches (1.5 to 2.0 mm) is required.



[567345](#)



[567305](#)



[567315](#)



[567325](#)



[567335](#)



[567355](#)



[567375](#)



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[567385](#)



[567399](#)



[567398](#)

Frames - KDP/R Series Round

The KDP/R series is a round type cable entry frame in 2 sizes, M50 x 1.5 mm or M63 x 1.5 mm. Designed to easily snap into 1.5 to 2.0 mm wall thickness or can be secure into place using the optional lock nut. The KDP/R series enables the quick and simple installation of up to 46 cables in a single frame.

Frames - KDP/R Series Round *							
Part Number	Price	Qty	Number Of Openings	Type	Drawing Link	Material	
Frame Size M50 x 1.5 mm							
565201	\$42.00	1	(3) 6 to 10 mm (1) 9.6 to 15.9 mm	KDP/R M50/4	PDF	Frame: Polyamide 6.6 Seal: EPDM [ethylene propylene diene monomer]	
565203	\$42.00	1	(1) 3 to 5.5 mm (5) 5 to 9.2 mm	KDP/R M50/6	PDF		
565205	\$42.00	1	(7) 3.5 to 6.5 mm (1) 6 to 10 mm	KDP/R M50/8	PDF		
565207	\$42.00	1	(31) 1.5 to 3.1 mm	KDP/R M50/31	PDF		
Frame Size M63 x 1.5 mm							
565209	\$43.00	1	(2) 3 to 6.5 mm (4) 5 to 9.2 mm (2) 9.6 to 15.9 mm	KDP/R M63/8	PDF		
565211	\$43.00	1	(6) 3 to 5.5 mm (6) 3.5 to 6.5 mm (1) 6 to 10 mm	KDP/R M63/13	PDF		
565213	\$43.00	1	(19) 3 to 5 mm	KDP/R M63/19	PDF		
565215	\$43.00	1	(46) 1.5 to 3.1 mm	KDP/R M63/46	PDF		

Note: UL rating not supported when nut is used to secure frame.
Hex nut not included, see table below.



[565201](#)



[565203](#)



[565205](#)



[565207](#)



[565209](#)



[565211](#)



[565213](#)



[565215](#)

Hex Nuts for KDP/R Series Round Frames

- -22 to 212°F [-30 to 100°C]
- UL94 VO self-extinguishing
- Polyamide PA 6

Hex Nuts For KDP/R Series Round Frames			
Part Number	Price	Description	Drawing Link
565250	\$14.00	Murrplastik hex nut, M50 x 1.5 mm thread type, polyamide, black. Package of 5.	PDF
565252	\$16.50	Murrplastik hex nut, M63 x 1.5 mm thread type, polyamide, black. Package of 5.	PDF



[565250](#)