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Cable Entry System



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

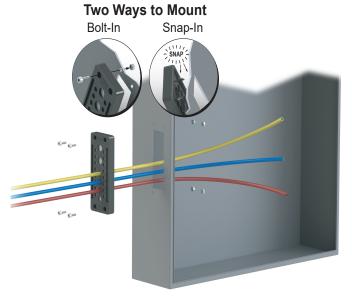
- Available in 2 frame types
- Quick and easy to install
 Mounting options: Snap-in (both) or bolt-in (KDP/X) or lock nut (KDP/R)
- Integrated strain relief
- Fits standard cut-out dimensions
- High protection class IP65

- 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

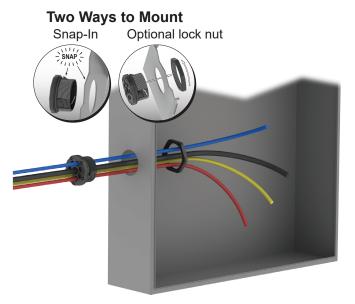


Agency Approvals

• cURus, meets UL508A underFile 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.



1-800-633-0405



murrplastik Simply Smart Systems Cable Entry System

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	Туре	Drawing Link	Material		
	Frame Size 24							
<u>567305</u>	\$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			
<u>567315</u>	\$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			
<u>567325</u>	\$41.50	1	(12) 8 to 12 mm	KDP/X 24/12	PDF			
<u>567335</u>	\$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	Frame:		
<u>567345</u>	\$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	<u>PDF</u>	Polyamide 6.6 Seal:		
<u>567355</u>	\$41.50	1	(17) 5 to 9.2 mm	KDP/X 27/17	PDF	TPU/ EPDM Thermoplastic		
<u>567356</u>	\$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	polyurethane/ [ethylene propylene diene monomer]		
<u>567398</u>	\$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	<u>PDF</u>			
<u>567365</u>	\$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	<u>PDF</u>			
<u>567399</u>	\$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			
<u>567375</u>	\$41.50	1	(23) 4.1 to 8.1 mm	KDP/X 24/23	PDF			
<u>567385</u>	\$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.

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567305



567315



567325



<u>567335</u>



567355



567356



Wiring Solutions

tWIR-59



Cable Entry System

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	Туре	Drawing Link	Material
<u>565201</u>	\$42.00	1	(3) 6 to 10 mm (1) 9.6 to 15.9 mm	KDP/R M50/4	PDF	
<u>565203</u>	\$42.00	1	(1) 3 to 5.5 mm (5) 5 to 9.2 mm	KDP/R M50/6	PDF	
<u>565205</u>	\$42.00	1	(7) 3.5 to 6.5 mm (1) 6 to 10 mm	KDP/R M50/8	PDF	-
<u>565207</u>	\$42.00	1	(31) 1.5 to 3.1 mm	KDP/R M50/31	PDF	Frame: Polyamide 6.6
	Frame Size M63 x 1.5 mm					
<u>565209</u>	\$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	[ethylene propylene diene monomer]
<u>565211</u>	\$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	
<u>565213</u>	\$43.00	1	(19) 3 to 5 mm	KDP/R M63/19	PDF	
<u>565215</u>	\$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.







<u>565213</u>







<u>565203</u>



<u>565205</u>



<u>565207</u>



<u>565215</u>

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			
<u>565250</u>	\$14.00	Murrplastik hex nut, M50 x 1.5 mm thread type, polyamide, black. Package of 5.	PDF			
<u>565252</u>	\$16.50	Murrplastik hex nut, M63 x 1.5 mm thread type, polyamide, black. Package of 5.	<u>PDF</u>			

