murrplastik®
Simply Smart Systems

Cable Entry System

2 YEAR WARRANTY

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.
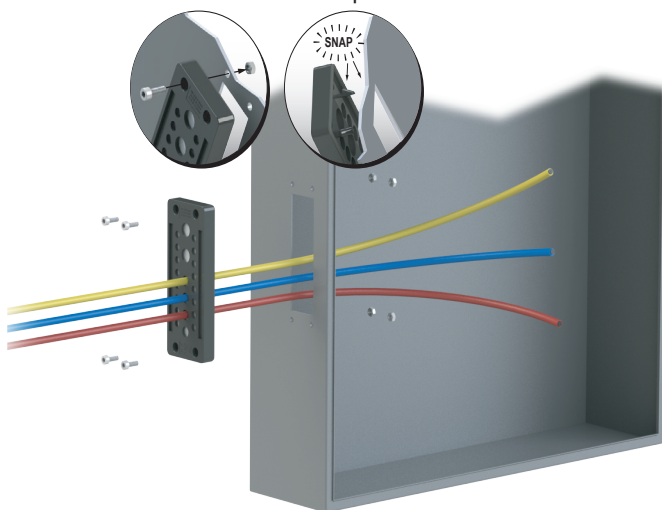
Features

- 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
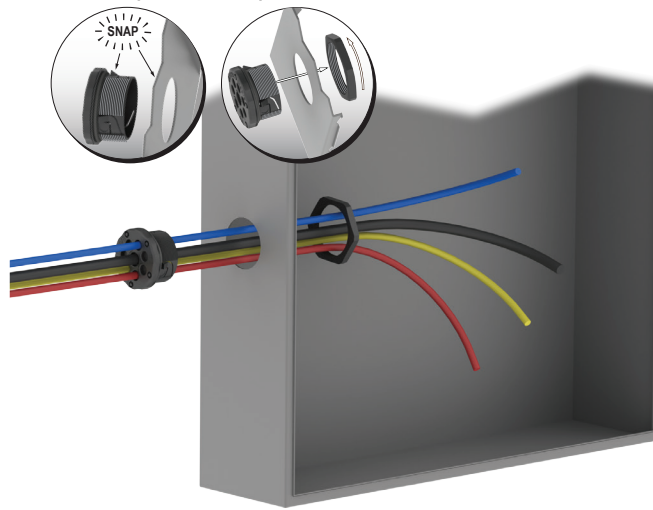
- cURus, meets UL508A underFile E481225

Two Ways to Mount
Bolt-In   Snap-In

SNAP

Two Ways to Mount
Snap-In   Optional lock nut

SNAP

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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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.

Part Number	Price	Qty	Number of Openings	Type	Drawing Link	Material
Frame Size 24						
567305	$43.00	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	$43.00	1	(4) 3 to 6.5 mm (4) 5 to 9.2 mm (3) 14 to 20 mm	KDP/X 24/11	PDF	
567325	$43.00	1	(12) 8 to 12 mm	KDP/X 24/12	PDF	
567335	$43.00	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	$43.00	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	$43.00	1	(17) 5 to 9.2 mm	KDP/X 27/17	PDF	
567356	$43.00	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	$43.00	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	$43.00	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	$43.00	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	$43.00	1	(23) 4.1 to 8.1 mm	KDP/X 24/23	PDF	
567385	$43.00	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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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.

565201

565203

Frames - KDP/R Series Round *						
Part Number	Price	Qty	Number of Openings	Type	Drawing Link	Material
Frame Size M50 x 1.5 mm						
565201	$43.50	1	(3) 6 to 10 mm (1) 9.6 to 15.9 mm	KDP/R M50/4	PDF	
565203	$43.50	1	(1) 3 to 5.5 mm (5) 5 to 9.2 mm	KDP/R M50/6	PDF	
565205	$43.50	1	(7) 3.5 to 6.5 mm (1) 6 to 10 mm	KDP/R M50/8	PDF	Frame: Polyamide 6.6 Seal: EPDM [ethylene propylene diene monomer]
565207	$43.50	1	(31) 1.5 to 3.1 mm	KDP/R M50/31	PDF	
Frame Size M63 x 1.5 mm						
565209	$44.50	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	$44.50	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	$44.50	1	(19) 3 to 5 mm	KDP/R M63/19	PDF	
565215	$44.50	1	(46) 1.5 to 3.1 mm	KDP/R M63/46	PDF	

565205

565207

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

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	$14.50	Murrplastik hex nut, M50 x 1.5 mm thread type, polyamide, black. Package of 5.	PDF
565252	$17.00	Murrplastik hex nut, M63 x 1.5 mm thread type, polyamide, black. Package of 5.	PDF

565250

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Frames - KDP/Z Series

The KDP/Z series is an entry and fastening system for cables and pneumatic hoses used in control cabinets and machine construction. These frames use standard cutouts with tool-free clip-in mounting for wall thickness 1.5 to 2 mm or screw mounting options. Wherever quick assembly, cable protection, and high packing density are required, this frame can be used.

Features

- Quick and easy to install
- Mounting options:
  - Assemble with clips or M5 screws
- Integrated strain relief
- Fits standard cut-out dimensions
- High protection class IP65, IP66, IP67, IP69K
- UL Type rating:
  - UL Type rating 4X, 12
- Operating temperature:
  - -22 to 158°F [-30 to 70°C]
- Flammability: HB - UL94 (frame)
- 2-year warranty

567415

567419

567417

567421

567405

567407

567409

Frames - KDP/Z Series

Part Number	Price	Qty	Number of Openings	Type	Drawing Link	Material
Frame Size 24						
567415	$65.00	1	(3) 22-33mm	KDP/Z 24/3	PDF	
567417	$65.00	1	(14) 7.5-12mm	KDP/Z 24/14	PDF	
567419	$65.00	1	(2) 3-6mm (4) 5-9mm (3) 7.5-12mm (3) 10-16mm (2) 14-20mm	KDP/Z 24/14	PDF	
567421	$65.00	1	(23) 5-9mm	KDP/Z 24/23	PDF	
Frame Size 16						
567405	$63.00	1	(10) 7.5-12mm	KDP/Z 16/10	PDF	Frame: Polypropylene (PP)
567407	$63.00	1	(2) 3-5mm (4) 5-9mm (2) 7.5-12mm (2) 10-16mm (2) 14-20mm	KDP/Z 16/12	PDF	Seal: Thermoplastic Elastomer (TPE)
567409	$63.00	1	(17) 5-9mm	KDP/Z 16/17	PDF	
567411	$63.00	1	(16) 3-6mm (6) 5-9mm (2) 7.5-12mm	KDP/Z 16/24	PDF	
567413	$63.00	1	(20) 2-4mm (20) 3-6mm	KDP/Z 16/40	PDF	
Frame Size 10						
567401	$66.00	1	(14) 5-9mm	KDP/Z 10/14	PDF	
567403	$67.00	1	(8) 3-8mm (3) 5-9mm (4) 7.5-12mm	KDP/Z 10/15	PDF	

Notes: Screw mounting hardware not included with frames. Recommended screw: 4 x M5 (0.8 to 1.2 N•m)

567403

567401

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