

FADEYA



Cable Entry System

fadeya (shanghai) co . , Ltd

FADEYA

Automation Package Solution



■ 电缆引入系统 / Cable Entry system

KDL可开式穿墙板 固定线径模块

Cable entry frames



P 1.1

KDP 直插式穿墙式

Straight in



P 1.2

KEL可开式穿墙板 固定线径模块

KEL Cable entry frames



P 1.3

DPZ 圆形穿墙板

DPZ Cable entry frames



P 1.4

KBD可开式穿墙板 可变径模块

KBD Cable entry frames



P 1.5

KML金属框架穿墙板 可变径模块

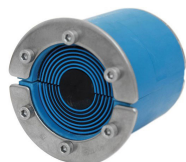
KBD Cable entry frames



P 1.6

RS 圆形穿墙板

RS Cable entry frames



P 1.7

Cable Entry system



产品研发背景 Product development background

With the deepening development of industrial automation and the refinement of social division of labor, there are more and more types of industrial products, and the upgrading of products is becoming faster. Modular design of products in modern industrial equipment is increasingly valued. Enterprises shorten the product launch cycle, reduce product costs, and improve product quality through standardization, generalization, and modularization.

功能描述 Function description

For electrical cabinets, cables usually need to pass through the cabinet and be connected to the components inside the cabinet. The traditional approach is to make holes in the cabinet and fix and lock the cables through cable joints. The number and size of cabinet openings are selected based on the number and outer diameter of the cables. Once the cabinet openings are made, it is very difficult to increase the number of openings in the future. At the same time, we have found that for cabinets with a large number of openings, in order to meet the installation space requirements, the cabinet needs to be made very large. In the above situation, we can clearly see the increased labor and production costs as follows:

1. As the number and outer diameter of the cables change, designers need to change the drawings accordingly, which invisibly increases their workload.
2. The cost of opening holes in the cabinet and the labor cost incurred in installing locking cable joints.
3. The cost of increasing the cabinet size.

If we can use a through wall panel system, we can standardize the opening size through modular design. By adjusting the number and size of the through wall panel sealing modules, we can adapt to changes in the number and outer diameter of cables, while effectively reducing cabinet size

For electrical cabinets, whether it is cable connections or pipeline connections, we can use through wall panels combined with the connectors in our samples to produce modular prefabricated wiring harnesses. This can move the wiring work that takes up a lot of time in the production process to a workshop with a good working environment. Not only can it improve the working environment of operators, increase work efficiency, reduce product error rates, but it can also reduce installation time, improve product maintainability and reliability, thereby comprehensively reducing production costs.



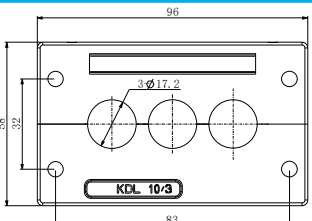
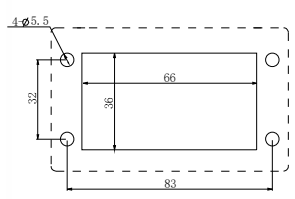
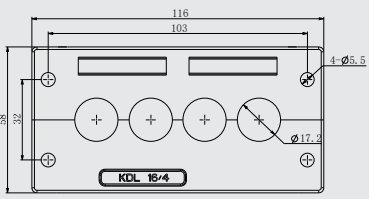
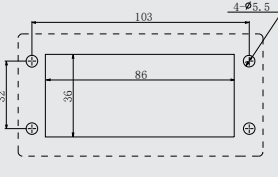
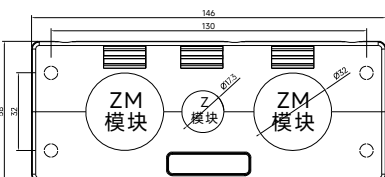
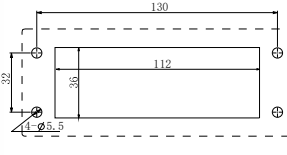
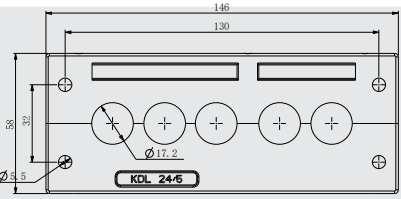
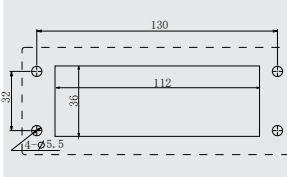
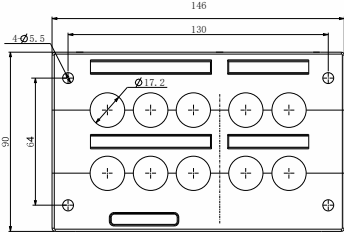
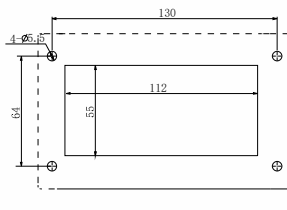
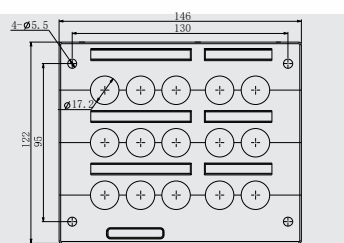
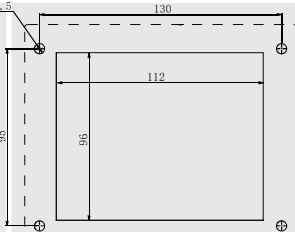
KDL电缆引入系统
CABLE ENTRY SYSTEMS

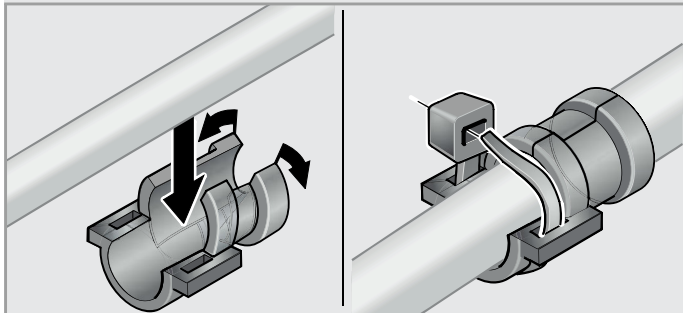
KDL 穿墙板 Cable Entry System



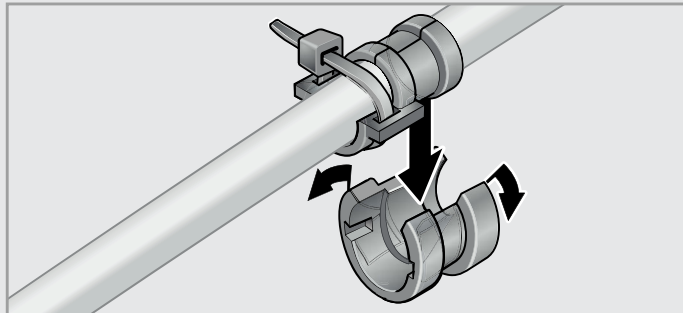
材料: -40~80°C
主体: PA 尼龙 PA66
颜色: Black V0
防护级别: IP54 IP54
产品厚度: 10mm

KDL电缆引入系统

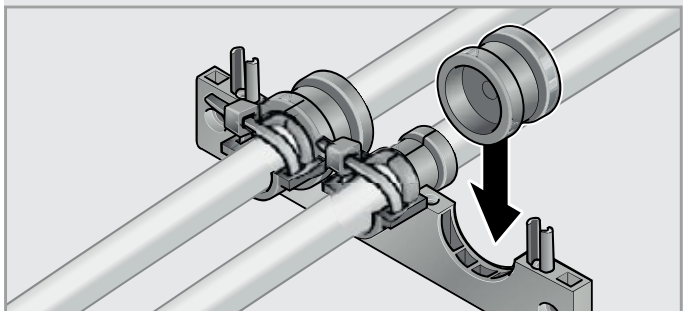
Image	Spec/DIM	开孔尺寸	type	Part No.	Spec	Number of Cable
 KDL 10/3			KDL 10/3	097171011	96x58	3
 KDL 16/4			KDL 16/4	097171012	116x58	4
 KDL 24/3			KDL 24/3	097171015	146x58	3
 KDL 24/5			KDL 24/5	097171016	146x58	5
 KDL 2/10			KDL 2/10	097171017	146x90	10
 KDL 3/15			KDL 3/15	097171018	146x122	15



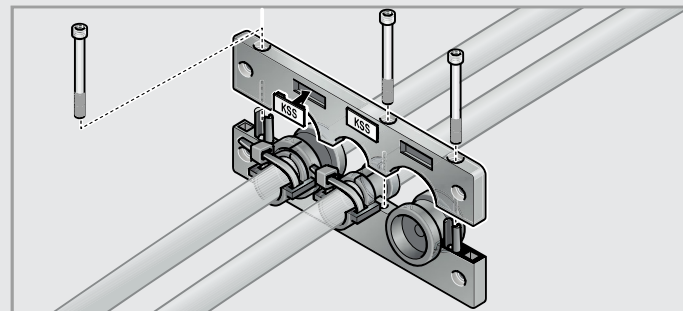
步骤一：将电缆穿过密封胶圈，并扎紧
Lay cable into appropriate grommet and provide strain relief where necessary using cable ties.



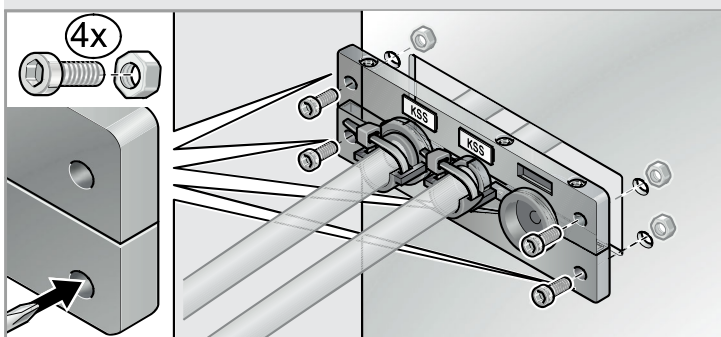
在需要的地方，将小套筒安装到密封胶圈中。
Where required, install small sleeves into the adapter grommet.



步骤二：将密封胶圈卡入穿线板
Insert rail completely. Fill in empty spaces with dummy grommets.



步骤三：将穿线板上下部分拧紧
Join upper and lower part of bar. Fasten rail with the side screws.



步骤四：将穿线板固定在箱体上
Fix the cable entry system to the cabinet

KDL电缆引入系统
CABLE ENTRY SYSTEMS

箱体安装 Mounting enclosure type KD/SG



-40 – 80°C



PA 6.6



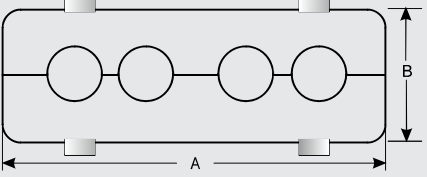
V0



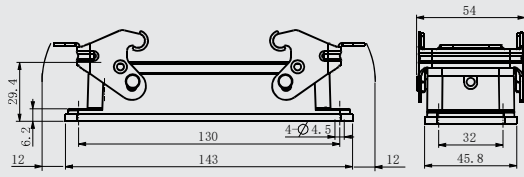
IP 54



KD/SG 24/4



H24B-AG

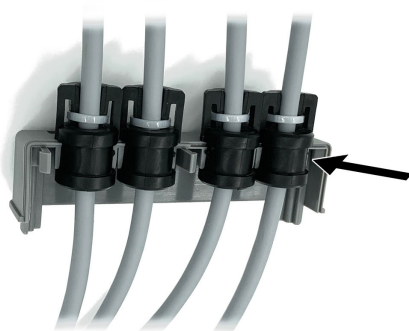


型号 Type	订货号 Part No.	颜色 Color	孔数 No. of openings 小 / 大 small / large	匹配型号 Suitable for	A mm	B mm
KD/SG -24/4	097171034	灰 Grey	4 / -	KD/AG -24H	120	43

* 匹配胶圈 Matching grommets: KDT/Z 详见 See page: 1.0.8

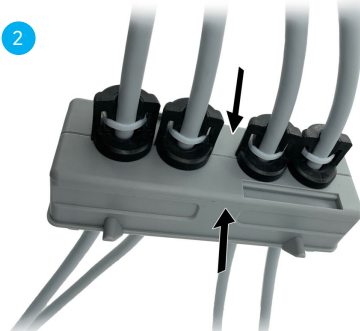
KD/SG 安装步骤

1



将线缆穿过胶圈模块绑紧并固定箱体在一侧

2



将箱体另一侧合紧

3



组合好的箱体同开孔底座安装，
向上扣紧即完成安装

KDL电缆引入系统 (KDT/Z 固定线径模块)
CABLE ENTRY SYSTEMS

密封胶圈 Cable entry grommets, type KDT/z

-  -40 – 80°C
-  TPR
-  HB
-  IP 54



型号 type	订货号 Part No.	颜色 Color	线径(mm) Ø	适用规格 小/大 Small/Large
KDT/Z 03	097171212	黑Black	3 - 4	● / -
KDT/Z 04	097171214	黑Black	4 - 5	● / -
KDT/Z 05	097171216	黑Black	5 - 6	● / -
KDT/Z 06	097171218	黑Black	6 - 7	● / -
KDT/Z 07	097171220	黑Black	7 - 8	● / -
KDT/Z 08	097171222	黑Black	8 - 9	● / -
KDT/Z 09	097171224	黑Black	9 - 10	● / -
KDT/Z 10	097171226	黑Black	10 - 11	● / -
KDT/Z 11	097171228	黑Black	11 - 12	● / -
KDT/Z 12	097171230	黑Black	12 - 13	● / -
KDT/Z 13	097171232	黑Black	13 - 14	● / -
KDT/Z 14	097171234	黑Black	14 - 15	● / -
KDT/Z 15	097171236	黑Black	15 - 16	● / -
KDT/Z 20	097171237	黑Black	20 - 21	● / -

密封堵头 Dummy grommet

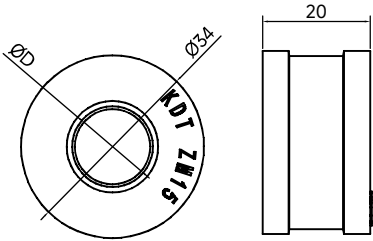
BTK-B	097171210	黑Black	● / -
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KDL电缆引入系统

KDL电缆引入系统 (KDT ZM固定线径模块)
CABLE ENTRY SYSTEMS

密封胶圈 Cable entry grommets, type KDT ZM

-  -40 – 80°C
-  TPR
-  HB
-  IP 54



型号 type	订货号 Part No.	颜色 Color	孔径(mm) ØD	卡线范围(mm) cable range	适用规格 小/大 Small/Large
KDT ZM15	097171315	黑Black	15.5	15-16	- / ●
KDT ZM16	097171316	黑Black	16.5	16-17	- / ●
KDT ZM17	097171317	黑Black	17.5	17-18	- / ●
KDT ZM18	097171318	黑Black	18.5	18-19	- / ●
KDT ZM19	097171319	黑Black	19.5	19-20	- / ●
KDT ZM20	097171320	黑Black	20.5	20-21	- / ●
KDT ZM21	097171321	黑Black	21.5	21-22	- / ●
KDT ZM22	097171322	黑Black	22.5	22-23	- / ●
KDT ZM23	097171323	黑Black	23.5	23-24	- / ●
KDT ZM24	097171324	黑Black	24.5	24-25	- / ●
KDT ZM25	097171325	黑Black	25.5	25-26	- / ●
KDT ZM26	097171326	黑Black	26.5	26-27	- / ●
KDT ZM27	097171327	黑Black	27.5	27-28	- / ●
KDT ZM28	097171328	黑Black	28.5	28-29	- / ●

KDP 电缆引入系统 CABLE ENTRY SYSTEMS

概述 Overview

只要将塑料 KDP 嵌入到控制柜壁，固定后将电缆穿过，这样安装就完成了穿墙板作为一个通过和固定装置，主要针对的是用于控制柜、系统装置和机械工程的电缆和气管。任何需要快速安装并具有高安装密度，用于保护电缆的地方，都可使用穿墙板。

Take advantage of these huge potential savings. The plastic KDP/N 24 is simply clicked into the cut-outs for 24-pole connectors and the cable is then pushed through- and the cable insertion is already done!

The cable entry plate is an entry and fastening system for electric conduits and pneumatic hoses such as those used in control cabinet, plant or machine construction. Wherever quick assembly, cable-protecting and high packing density are

产品特点 Features

节约空间 Extremely low space requirement

防护等级 Protection class IP65

内置密封结构 Built-in sealing structure

一穿式使用方式 Assembly without tools

带有线缆标识的可能性

Cable & plug manufacturers system guarantee remains valid

穿墙板在安装和穿线速度上比传统电缆接头快10倍，空间节省高达50%。

10 times faster and with a simultaneous space saving of up to 50% compared with conventional cable fittings.

材料 Material

材质 Properties: 改进型尼龙 (不含卤素)
halogen-free, silicone-free

温度范围 Temperature range: -30°C to +70°C

防护等级 Protection degree: IP65

阻燃性能 Flame class (UL94): V0

颜色 Color: 黑色 black

材料 Material

1. 安装过程中节省了大量时间 Enormous time savings during assembly
2. 空间需求相当小 Extremely low space requirement
3. 较高的安装密度 High packing density
4. 安装时无需工具辅助 Assembly without tools
5. 避免电缆管道相互缠绕纠结 No kinks in cables and tubes

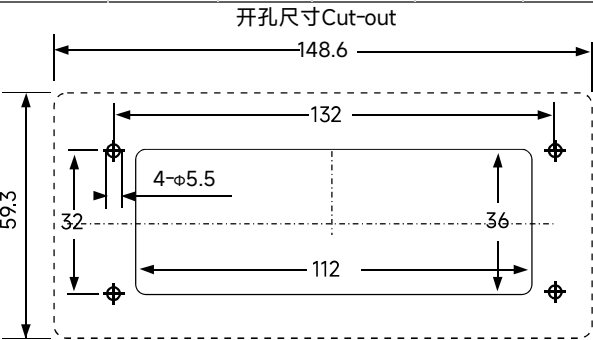
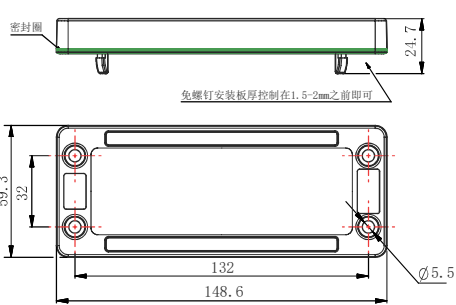


KDP 电缆引入系统
CABLE ENTRY SYSTEMS

KDP 24 穿墙板系统 Cable entry plate KDP N24/X

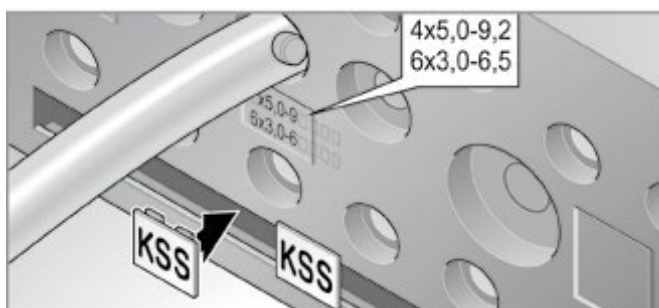
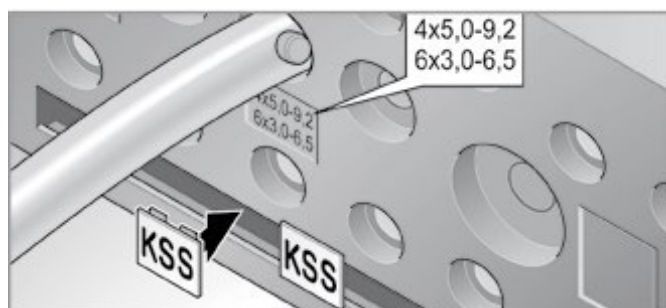
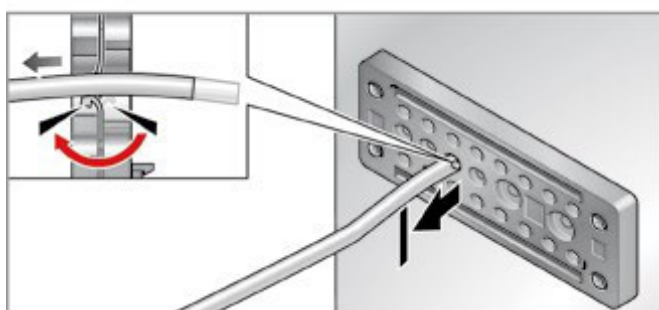
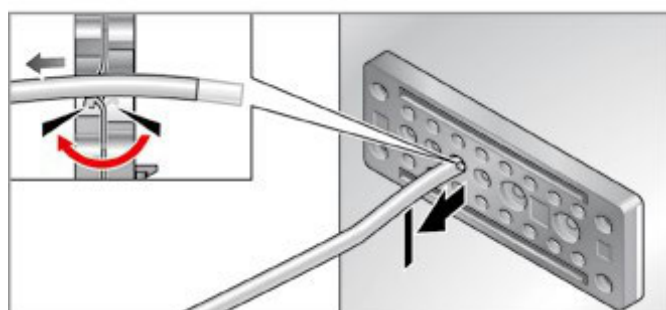
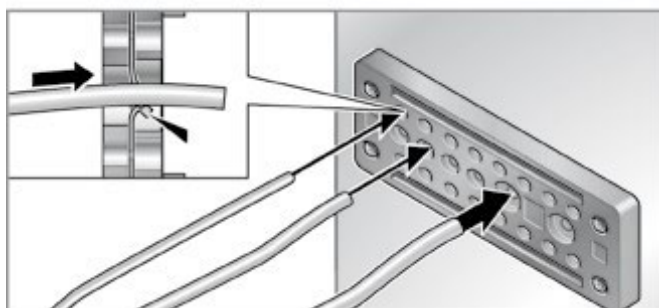
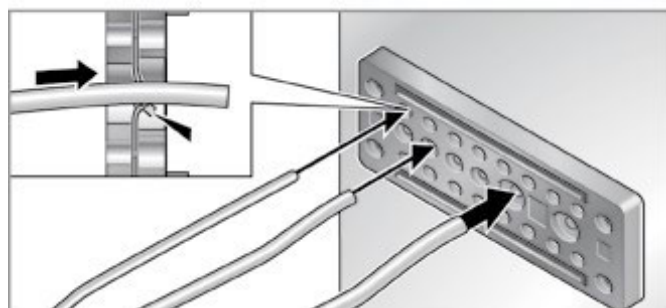
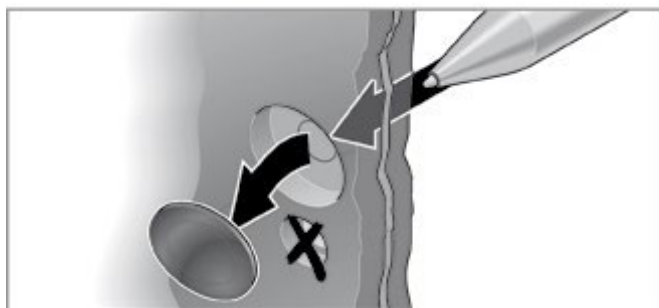
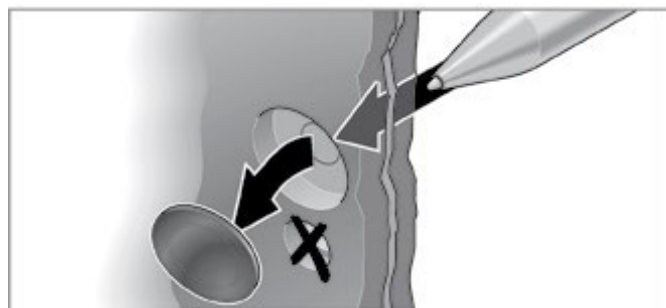
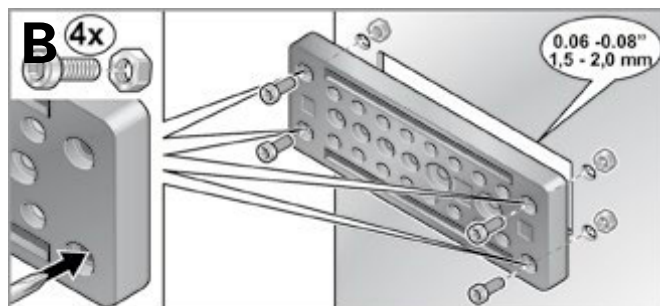
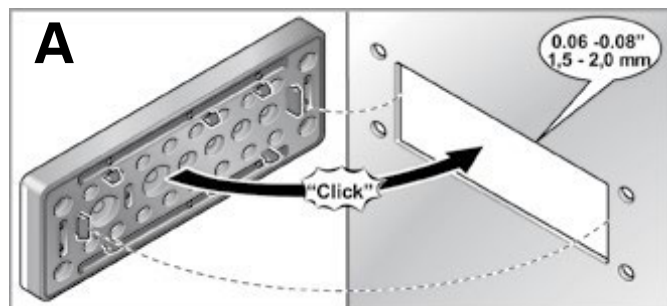
型号 Type	订货号 Part No.	夹线范围Clamping range (mm)									穿线数 Number of Cable
		1.5~2.6	2.5~5.0	3.0~6.5	4.1~8.1	5.0~9.2	8.0~12.5	9.0~14.0	9.6~15.9	14.0~20.0	
KDP/N 24/11	097301110	—	—	4	—	4	—	—	—	3	11
KDP/N 24/12	097301120	—	—	—	—	—	12	—	—	—	12
KDP/N 24/13	097301130	—	—	2	6	—	—	4	—	1	13
KDP/N 24/14	097301140	—	—	6	—	4	—	—	4	—	14
KDP/N 24/17	097301150	—	—	—	—	17	—	—	—	—	17
KDP/N 24/17-1	097301151	—	—	11	1	—	5	—	—	—	17
KDP/N 24/22-1	097301160	—	—	16	—	4	2	—	—	—	22
KDP/N 24/22	097301161	—	—	15	—	6	—	—	—	1	22
KDP/N 24/23	097301170	—	—	—	23	—	—	—	—	—	23
KDP/N 24/29	097301180	—	—	29	—	—	—	—	—	—	29
KDP/N 24/29-1	097301181	—	—	26	—	3	—	—	—	—	29
KDP/N 24/80	097301190	78	2	—	—	—	—	—	—	—	80
BP/N 24	097171624										0

技术参数 Technical data



KDP 电缆引入系统
CABLE ENTRY SYSTEMS

安装方式 Snap-on mounting

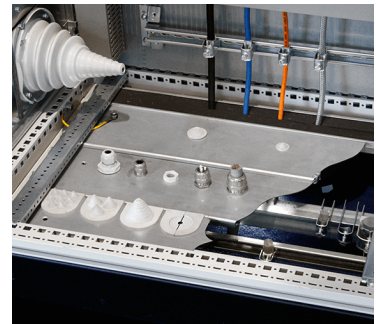


KDP 电缆引入系统 CABLE ENTRY SYSTEMS

电控箱电缆引入密封件

概述 Overview

The KDP electric control box cable entry seal can be combined with the cable entry board, which can simply and quickly seal the incoming cable in the bottom area of the cabinet.



产品特点 Features

- 1、端头的电缆组件的品质得以保证
Warranty of pre-terminated cables remains
- 2、系统升级改造和维护可以变得简单快速
Retrofitting and maintenance can be carried out easily and quickly
- 3、很高的安装密度，广泛的电缆穿芯型号可供选择
High packing density, wide variety of frames and inserts
- 4、张紧力按照 EN50262/ 62444标准设计
Strain relief according DIN EN 50262/62444
- 5、防震 Shockproof



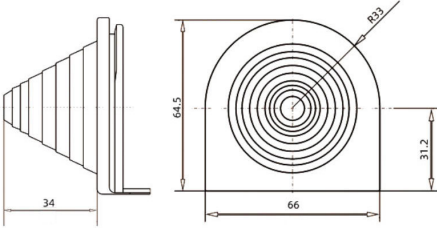
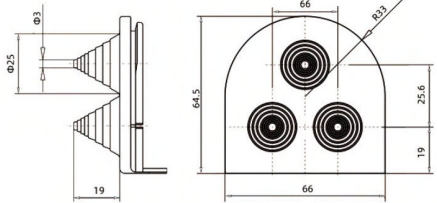
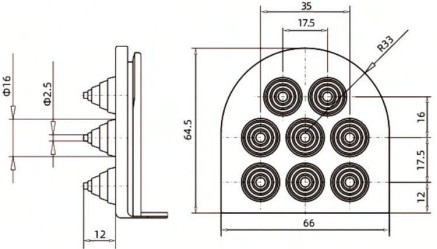
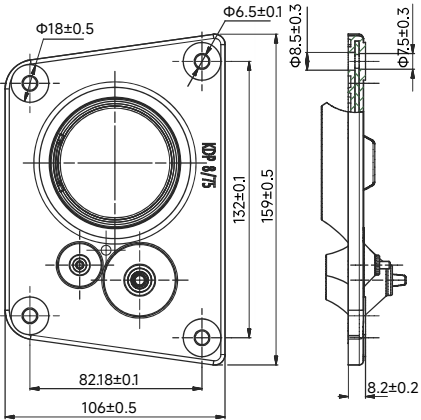
KDP 电缆引入系统
CABLE ENTRY SYSTEMS

电控箱电缆引入密封件



材料:
主体: 聚丙烯 Polypropylene
套管/ 外壳: 热塑性弹性体 Thermoplastic elastomer
防护级别: 在按照规定安装时, 防护等级为 IP55

KDP 电缆引入系统

图例 Fig.	型号 Typ.	订货号 Part No.	线缆数 Cables	电缆直径范围 (mm)	尺寸 Dimension
	KDP 1	097311347	1	13-47mm	
	KDP 3	097310321	3	3-21mm	
	KDP 8	097310313	8	3-13mm	
	KDP 8/75	097310875	1 1 1	8-18mm 15-32mm 40-75mm	

椭圆双面防尘护线圈 Double-sided oval dust-proof Rubber coil



Good flexibility, no auxiliary tools needed,
non-slip and wear-resistant

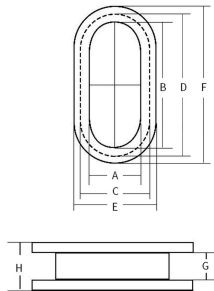
Colour: Black

Material: Synthetic rubber

Hardness: 30-40

Used for outlets of cabinets and cabinets

外形尺寸: Dimensions:



Part No.	Type	开孔尺寸	A	B	C	D	E	F	G槽宽	H总厚
0922020050	FDY-DORC-020050	Φ20*50	16	42	20	50	25	51	2	9
0922025060	FDY-DORC-025060	Φ25*60	20	54	25	60	32	66	2.5	7.8
0922030085	FDY-DORC-030085	Φ30*85	24	78	30	85	37	91	2	11
0922035075	FDY-DORC-035075	Φ35*75	31	70	35	75	42	80	2	8
0922040083	FDY-DORC-040083	Φ40*83	33	77	40	83	46	90	3	14
0922050075	FDY-DORC-050075	Φ50*75	45	70	50	75	58	83	3	14

注: A、B: 内孔尺寸 C、D: 开孔尺寸 G: 槽宽度 H: 产品厚度

mm.

单面防尘护线圈 Single-sided dust-proof Rubber coil

Single-sided dust-proof Rubber coil



Good flexibility, no auxiliary tools needed, non-slip
and wear-resistant

Colour: Black

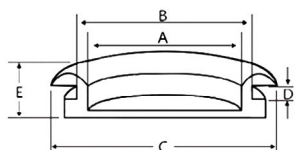
Material: Synthetic rubber

Hardness: 30-40

Used for outlets of cabinets and cabinets

mm.

外形尺寸: Dimensions:



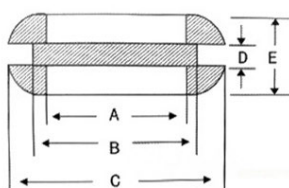
Part No.	Type	内径 A	开孔 B	外径 C	卡槽 D	总厚 E
0920915020	FDY-RC-1520	15	20	29	2	6
0920920025	FDY-RC-2025	20	25	32	3	7
0920925030	FDY-RC-2530	25	30	42	3	8
0920930035	FDY-RC-3035	30	35	46	2	8
0920932040	FDY-RC-3540	32	40	47	2.5	7
0920938045	FDY-RC-3647	38	45	54	3	13
0920942050	FDY-RC-4250	40	50	56	3	8
0920950060	FDY-RC-5060	50	60	66	3	11
0920960070	FDY-RC-6070	60	70	78	7	10

双面防尘护线圈 Double-sided dust-proof Rubber coil

Double-sided dust-proof Rubber coil



外形尺寸: Dimensions:



Part No.	Type	内径 A	开孔 B	外径 C	卡槽 D	总厚 E
0921015020	FDY-DRC-1520	15	20	26	2	9
0921020025	FDY-DRC-2025	20	25	33	2.5	11
0921025030	FDY-DRC-2530	25	30	40	3	10
0921030035	FDY-DRC-3035	30	35	45	2.5	10
0921035040	FDY-DRC-3540	35	40	43	2.5	10.5
0921036047	FDY-DRC-3647	36	47	53	3	10
0921042050	FDY-DRC-4250	42	50	61	3	14
0921050060	FDY-DRC-5060	50	60	66	3	11
0921060070	FDY-DRC-6070	60	70	80	3	10.5
0921070080	FDY-DRC-7080	70	80	90	2.5	10
0921080090	FDY-DRC-8090	80	90	100	3	13
0921090100	FDY-DRC-90100	90	100	110	4	15

KEL-DPF 电缆引入穿芯
CABLE ENTRY INSERT



KEL-DPF专为将大尺寸或未知尺寸的电缆布线到配电柜或机器中而开发。由于其灵活性和独特的塔形结构，与常规电缆格兰头相比，电缆的进入和定位要容易得多。也非常适合扎带固定或引入大型电缆。

DPF穿芯的切割：比电缆直径小20%。相应的直径标记在穿芯上。

* 建议使用扎带固定以提供更高的应力释放。

KEL-DPF穿芯



特点：

1. 无需工具，瞬间组装
2. 不受角度限制
3. 适用公制螺纹尺寸
4. 使用尼龙锁紧螺母
5. 最高可达IP68防护等级



KEL-DPF 电缆引入穿芯

CABLE ENTRY INSERT

密封锁紧头



材料:

框架: 聚酰胺 (PA)

颜色:

灰色

阻燃等级:

UL 94 V-0,自熄灭

IP 等级:

IP66/IP68(符合 EN 60529)

温度范围:

-40°C 到 +100°C(静态)

特性:

无卤, 无硅

螺纹长度

11 mm

开孔尺寸

公制螺纹尺寸

简图	Part No.	Type	螺纹公制	外部直径mm	线径mm	Qty/Pk
	097403120	KEL-DPF 25/3-12	M25x1.5	39	3-12	5
	097406180	KEL-DPF 32/6-18	M32x1.5	46	6-18	5
	097412270	KEL-DPF 40/12-27	M40x1.5	54	12-27	5
	097422360	KEL-DPF 50/22-36	M50x1.5	64	22-36	5
	097427500	KEL-DPF 63/27-50	M63x1.5	77	27-50	5

分体式电缆密封锁紧头 Splitable cable sealing locking head



KEL-QVT是一种圆形可分式框架，可快速，轻松地安装预端接的电缆或完整的线束。另外不带端子或连接器的电气，气动或液压管线以及波纹管也可以轻松布线，并满足IP54防护等级。

KEL-QVT系列产品非常紧凑，特别适合小型机器，设备和仪器。

KEL-QVT易于安装。将预制电缆放置在穿芯中，穿芯插入格兰头外壳。

根据电缆格兰头的尺寸，可以安装一个，两个或四个单独的穿芯。

通过使用多孔穿芯，KEL-QVT最多可布置16根线。



特点：

1. 紧凑、小巧的结构
2. 引入有端子的电缆
3. 有端头的电缆组件的品质得以延续
4. 系统升级改造和维护变得简单快速
5. 适合于公制或者标准孔径
6. 配送锁紧头螺母



KEL-ER是可分式穿线系统，引导和密封带接头电缆，电缆直径从1到16 mm,由于有密封垫圈，如果使用单孔穿芯，KEL-ER提供的防护等级为IP65/IP66/IP67/IP68。当使用多孔或是特殊穿芯时，防护等级降低为IP54。

推荐拧紧封盖螺丝的最大拧紧扭矩为2.0Nm



特点：

1. 经认证的防护等级达到IP65/IP66/IP67/IP68，根据EN 60529标准
2. 高应力释放，根据EN 62444标准
3. 带接头电缆品质得以维护
4. 维修操作便捷
5. 适合于公制或者标准孔径
6. 高电缆密度防震、抗拉

KEL QVT 分体式电缆密封锁紧头

Splittable cable sealing locking head



材料: 聚碳酸酯(PC)
颜色: 灰色
阻燃等级: UL 94 V-0,自熄灭
IP 等级: IP54,使用密封垫且正确选择穿芯规格
温度范围: -30°C 到 +100°C(静态)
特性: 无卤, 无硅
螺纹长度: 14 mm
开孔尺寸: 公制标准尺寸

简图	Part No.	Type	Number of Cable	螺纹规格	Qty/Pk	模块数
	097520010	KEL-QVT 20	1	M20x1.5	10	Module*1 20*20 Max cable Ø13mm Module spec Below KT13
	097525010	KEL-QVT 25	1	M25x1.5	10	Module*1 20*20
	097532010	KEL-QVT 32	1	M32x1.5	10	Module*1 20*20
	097540010	KEL-QVT 40/1	1	M40x1.5	10	Module*1 40*40
	097540020	KEL-QVT 40/2	2	M40x1.5	10	Module*2 20*20 Max cable Ø13mm Module spec Below KT13
	097550010	KEL-QVT 50/1	1	M50x1.5	10	Module*1 40*40
	097550040	KEL-QVT 50/4	4	M50x1.5	10	Module*4 20*20 Max cable Ø16mm Module spec Below KTS16

*注: 穿芯模块规格见3.3.4-3.3.11页

KEL-ER 分体式电缆引入系统

Splittable cable sealing locking head



材料:	框架: 聚丙烯(PP) / 密封垫圈: 合成橡胶
颜色:	黑色
阻燃等级:	UL 94 V-0,自熄灭
IP 等级:	IP65/IP65/IP67/IP68,使用密封垫且正确选择穿芯规格
温度范围:	-40°C 到 +110°C(静态)
特性:	无卤, 无硅
螺纹长度	18mm
开孔尺寸	公制标准尺寸

KEL-ER

简图	Part No.	Type	Number of Cable	螺纹规格	Qty/Pk	说明
	097625010	KEL-ER 25	1	M25x1.5	10	Module*1 20*20 Max cable Ø15mm
	097632010	KEL-ER 32	1	M32x1.5	10	Module*1 20*20
	097650010	KEL-ER 50/2	2	M50x1.5	5	Module*2 20*20
	097663010	KEL-ER 63/1	1	M63x1.5	5	Module*1 40*40
	097663040	KEL-ER 63/4	4	M63x1.5	5	Module*4 20*20

*注: 穿芯模块规格见3.3.4-3.3.11页

KEL 电缆引入系统 CABLE ENTRY SYSTEMS

可拆卸式穿墙板-固定线径模块

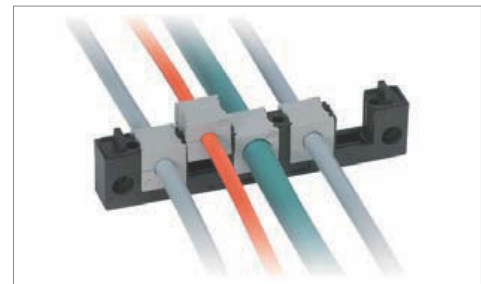
概述 Overview

KEL 系列的电缆引入框架尤其适用于标准工业连接器的开口尺寸。
这种可分开电缆引入框架将电缆引入并固定在电缆引入框架中。
这种灵活性的电缆引入框架非常适用于有端子的电缆引入。

The KEL matches exactly the cut-out dimensions standard industrial connectors.

The split insert matching the cable diameter is placed around the cable and inserted into the cable entry frame.

This flexibility is perfect for pre-terminated cables.



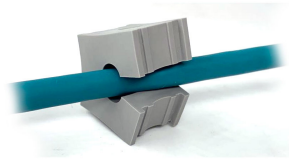
产品特点 Features

- 1、端头的电缆组件的品质得以保证
Warranty of pre-terminated cables remains
- 2、系统升级改造和维护可以变得简单快速
Retrofitting and maintenance can be carried out easily and quickly
- 3、很高的安装密度，广泛的电缆穿芯型号可供选择
High packing density, wide variety of frames and inserts
- 4、张紧力按照 EN50262/62444标准设计
Strain relief according DIN EN 50262/62444
- 5、防震 Shockproof



KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL E 可开式穿墙板



可分开穿芯 Split inserts

材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
KEL 高度 Height: 17mm

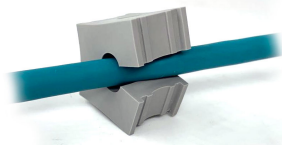
KEL 电缆引入系统

框架型号 Type	示意图 Description	开孔尺寸 (mm) Platemounting dimensions	KT模块数量 小small/大large
KEL-E1 框架订货号 Part No. 099040301 See page 1.3.4-1.3.11 module specifications			1/-
KEL-E2 框架订货号 Part No. 099040602 See page 1.3.4-1.3.11 module specifications			2/-
KEL-E3 框架订货号 Part No. 099041003 See page 1.3.4-1.3.11 module specifications			3/-
KEL-E4 框架订货号 Part No. 099041604 See page 1.3.4-1.3.11 module specifications			4/-
KEL-E5 框架订货号 Part No. 099042405 See page 1.3.4-1.3.11 module specifications			5/-

KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL 6 可开式穿墙板

KEL 电缆引入系统



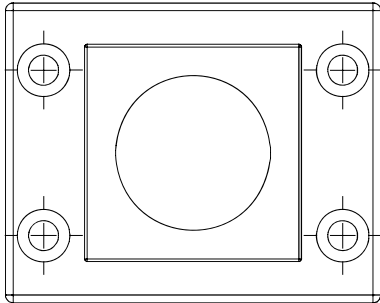
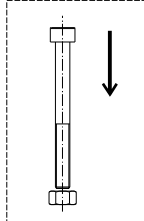
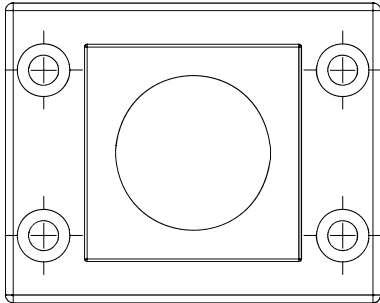
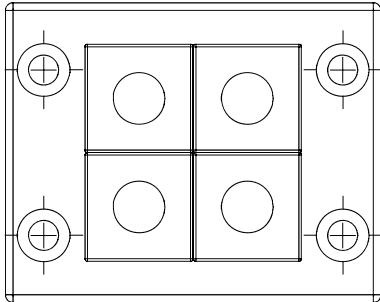
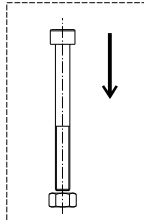
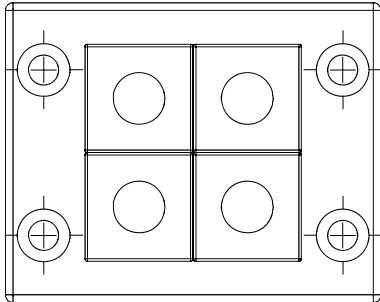
可分开穿芯 Split inserts



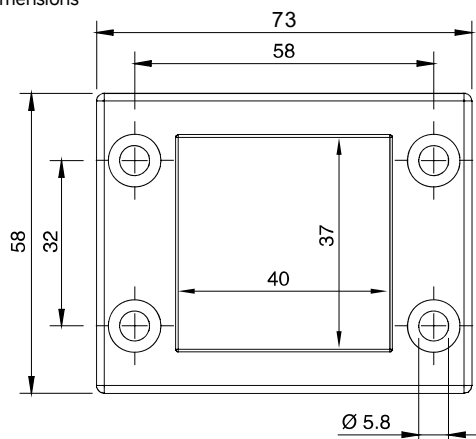
电磁屏蔽框架适用穿芯

Electromagnetic shielding frame is suitable for core

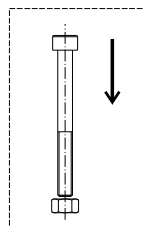
材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
KEL 高度 Height: 17mm

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 6/1 框架订货号 Part No. 099040601		螺栓锁紧方向  -/1
KEL 6/1-EMC 框架订货号 Part No. 099340601		
See page 1.3.4-1.3.11 module specifications	图示大方形使用大模块40*40	
KEL 6/4 框架订货号 Part No. 099040604		螺栓锁紧方向  4/-
KEL 6/4-EMC 框架订货号 Part No. 099340604		
See page 1.3.4-1.3.11 module specifications	图示小方形使用小模块20*20	

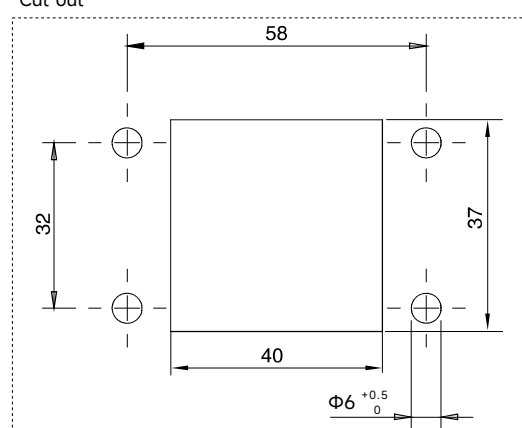
外形尺寸
Dimensions



螺栓锁紧方向

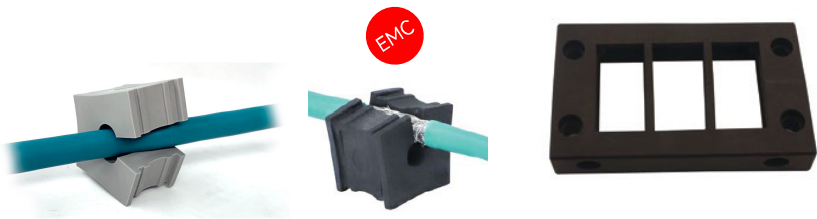


开孔尺寸
Cut-out



KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL 10 可开式穿墙板



材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格 (符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

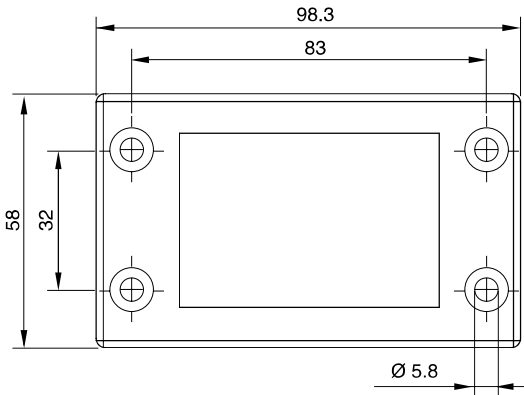
KEL 电缆引入系统

可分开穿芯
Split inserts

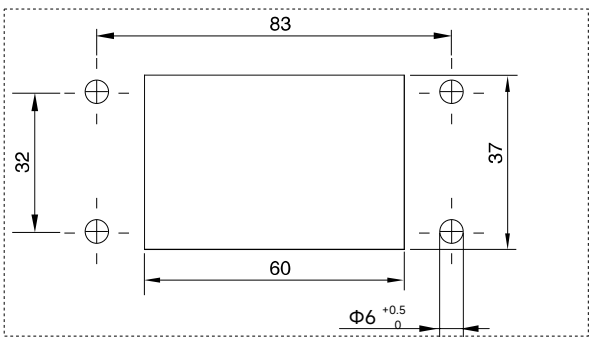
电磁屏蔽框架适用穿芯
Electromagnetic shielding frame is suitable for core

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 10/3 框架订货号 Part No. 099042103	螺栓锁紧方向 图示大方形使用大模块40*40 图示小方形使用小模块20*20	2/1
KEL 10/3-EMC 框架订货号 Part No. 099342103		
See page 1.3.4-1.3.11 module specifications		
KEL 10/6 框架订货号 Part No. 099042106	螺栓锁紧方向 图示小方形使用小模块20*20	6/-
KEL 10/6-EMC 框架订货号 Part No. 099342106		
See page 1.3.4-1.3.11 module specifications		

外形尺寸
Dimensions

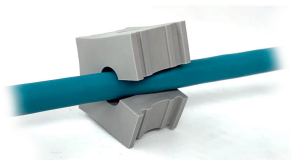


开孔尺寸
Cut-out

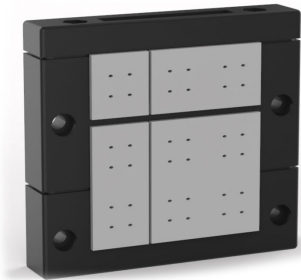


KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL 10-E 可开式穿墙板



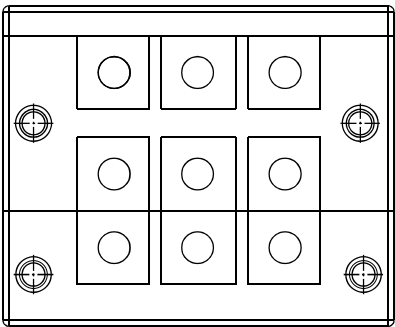
可分开穿芯 Split inserts



材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0,自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

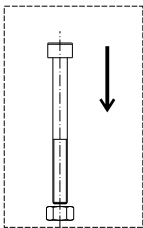
框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
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KEL 10/9-E
框架订货号 Part No.
099342235
See page 1.3.4-1.3.11
module specifications



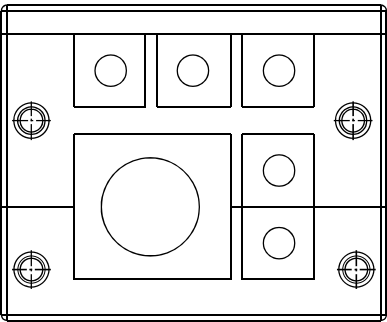
图示小方形使用小模块20*20

螺栓锁紧方向



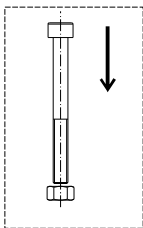
9/0

KEL 10/6-E
框架订货号 Part No.
099342236
See page 1.3.4-1.3.11
module specifications



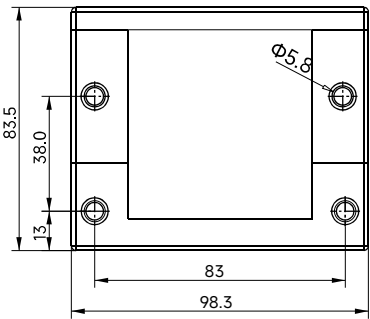
图示大方形使用大模块40*40
图示小方形使用小模块20*20

螺栓锁紧方向



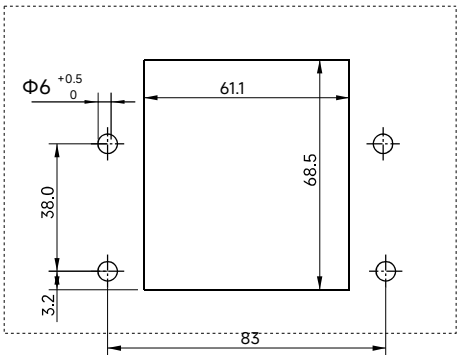
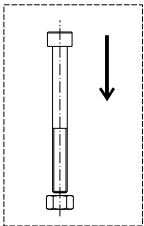
5/1

外形尺寸
Dimensions



开孔尺寸
Cut-out

螺栓锁紧方向



KEL 10-MTE 可开式穿墙板

可分开穿芯 Split inserts

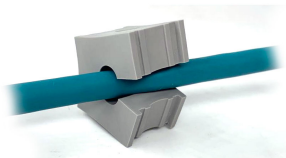


框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL10/9-MTE 框架订货号 Part No. 099042262 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	7/2
KEL10/12-MTE 框架订货号 Part No. 099042263 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	11/1
KEL10/15-MTE 框架订货号 Part No. 099042264 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	15/0
外形尺寸 Dimensions	开孔尺寸 Cut-out	

KEL 电缆引入系统

CABLE ENTRY SYSTEMS

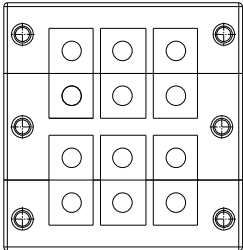
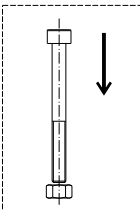
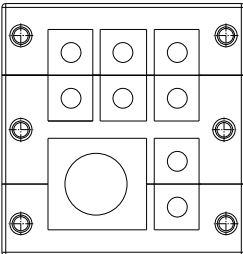
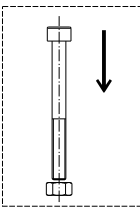
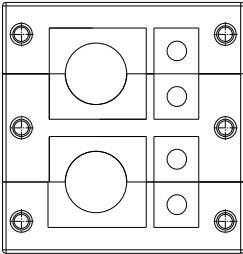
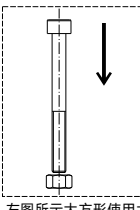
KEL 10-MT 可开式穿墙板



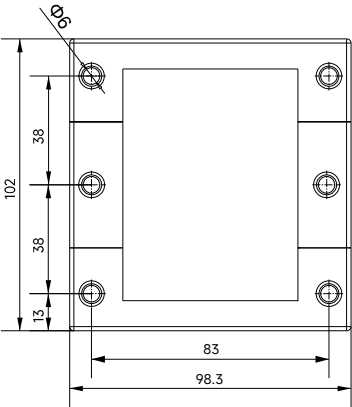
可分开穿芯 Split inserts



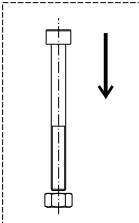
材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 10/12-MT 框架订货号 Part No. 099042237 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示小方形使用小模块20*20	12/0
KEL 10/9-MT 框架订货号 Part No. 099042239 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	8/1
KEL 10/6-MT 框架订货号 Part No. 099042238 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	4/2

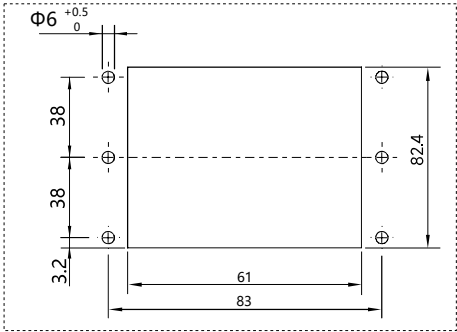
外形尺寸
Dimensions



螺栓锁紧方向

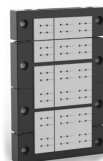


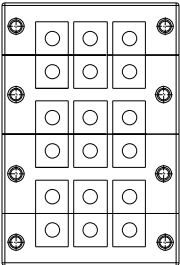
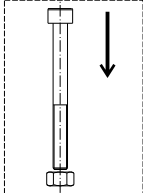
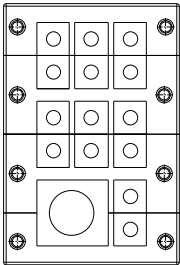
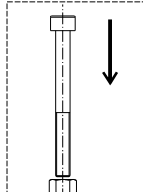
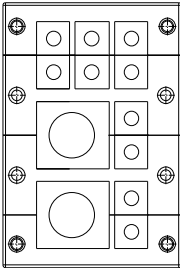
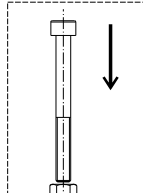
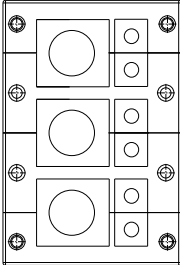
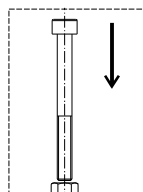
开孔尺寸
Cut-out



KEL 10 -2MT 可开式穿墙板

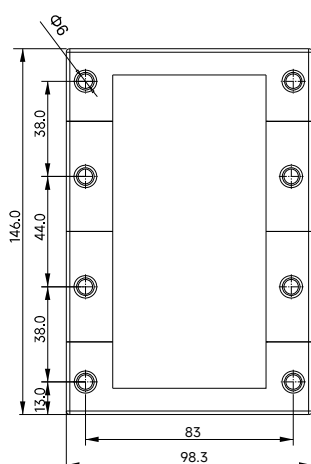
可分开穿芯 Split inserts



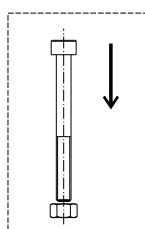
框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 10/18-2MT 框架订货号 Part No. 099042240 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示小方形使用小模块20*20	18/0
KEL 10/15-2MT 框架订货号 Part No. 099042243 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	14/1
KEL 10/12-2MT 框架订货号 Part No. 099042242 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	10/2
KEL 10/9-2MT 框架订货号 Part No. 099042278 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	6/3

KEL 电缆引入系统

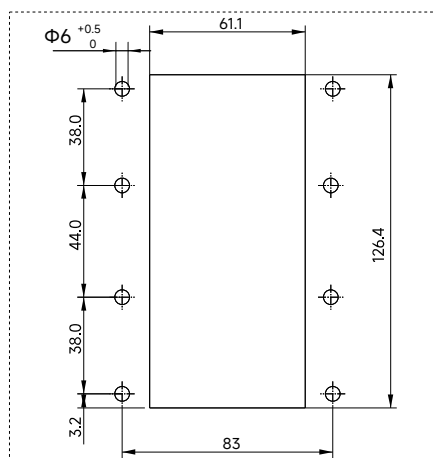
外形尺寸 Dimensions



螺栓锁紧方向



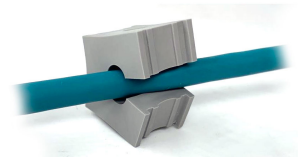
开孔尺寸
Cut-out



KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL 16 可开式穿墙板

KEL 电缆引入系统



可分开穿芯 Split inserts

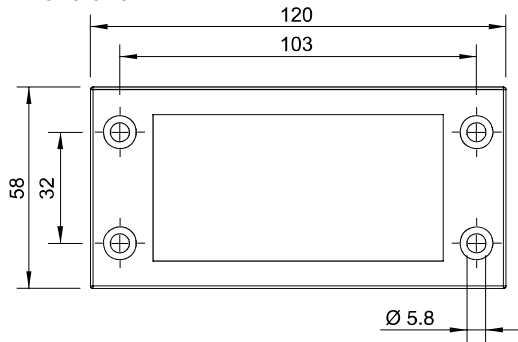


材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
KEL 高度 Height: 17mm

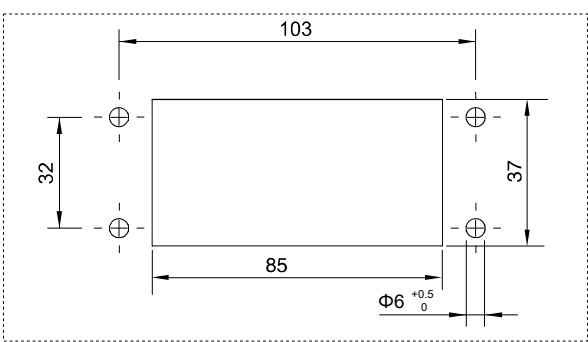
电磁屏蔽框架适用穿芯
Electromagnetic shielding frame is suitable for core

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 16/8 框架订货号 Part No. 099042168		8/-
KEL 16/8-EMC 框架订货号 Part No. 099342168		
See page 1.3.4-1.3.11 module specifications		
KEL 16/5 框架订货号 Part No. 099042165		4/1
KEL 16/5-EMC 框架订货号 Part No. 099342165		
See page 1.3.4-1.3.11 module specifications		
KEL 16/2 框架订货号 Part No. 099042162		-/2
KEL 16/2-EMC 框架订货号 Part No. 099342162		
See page 1.3.4-1.3.11 module specifications		

外形尺寸
Dimensions

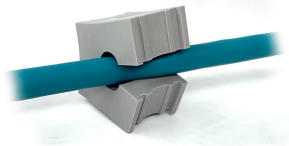


开孔尺寸
Cut-out



KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL 16-E 可开式穿墙板

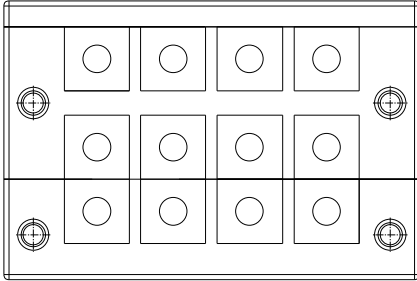
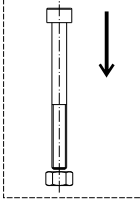
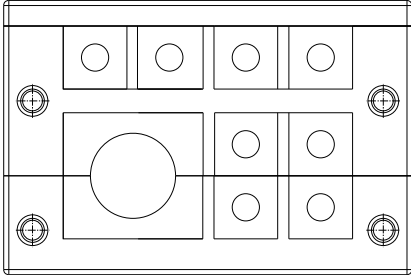
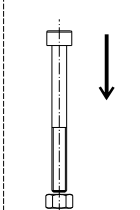
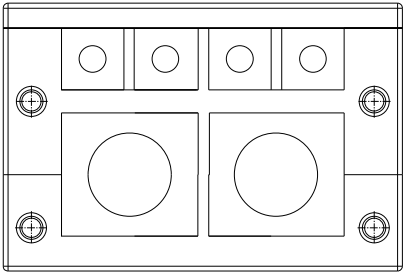
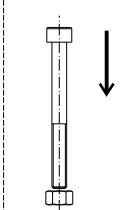


可分开穿芯 Split inserts

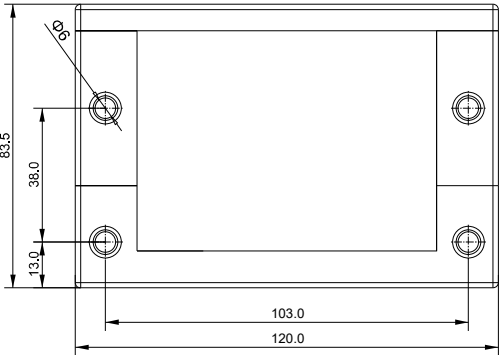


材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
KEL 高度 Height: 17mm

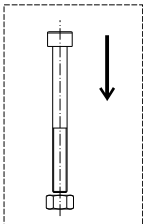
KEL 电缆引入系统

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 16/12-E 框架订货号 Part No. 099042246 See page 1.3.4-1.3.11 module specifications		螺栓锁紧方向  12/- 左图所示小方形使用小模块20*20
KEL 16/9-E 框架订货号 Part No. 099042245 See page 1.3.4-1.3.11 module specifications		螺栓锁紧方向  8/1 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20
KEL 16/6-E 框架订货号 Part No. 099042258 See page 1.3.4-1.3.11 module specifications		螺栓锁紧方向  4/2 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20

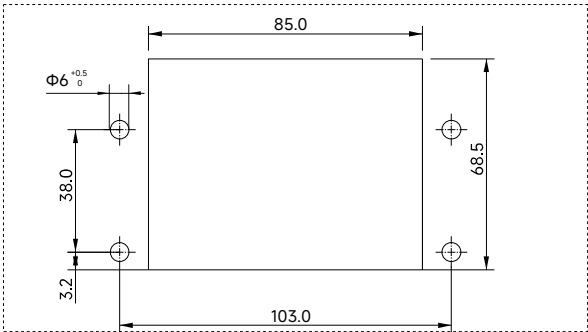
外形尺寸
Dimensions



螺栓锁紧方向

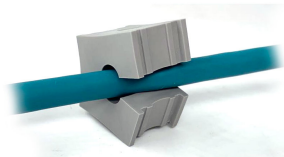


开孔尺寸
Cut-out



KEL 电缆引入系统
CABLE ENTRY SYSTEMS

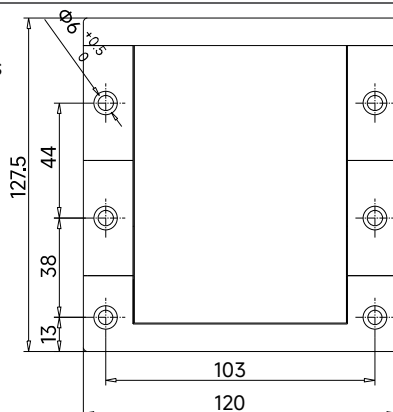
KEL 16 - MTE 可开式穿墙板



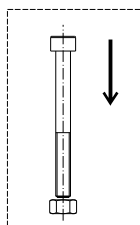
可分开穿芯 Split inserts

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 16/8-MTE 框架订货号 Part No. 099042265 See page 1.3.4-1.3.11 module specifications		4/4
KEL 16/11-MTE 框架订货号 Part No. 099042266 See page 1.3.4-1.3.11 module specifications		8/3
KEL 16/14-MTE 框架订货号 Part No. 099042267 See page 1.3.4-1.3.11 module specifications		12/2
KEL 16/17-MTE 框架订货号 Part No. 099042268 See page 1.3.4-1.3.11 module specifications		16/1
KEL 16/20-MTE 框架订货号 Part No. 099042269 See page 1.3.4-1.3.11 module specifications		20/0

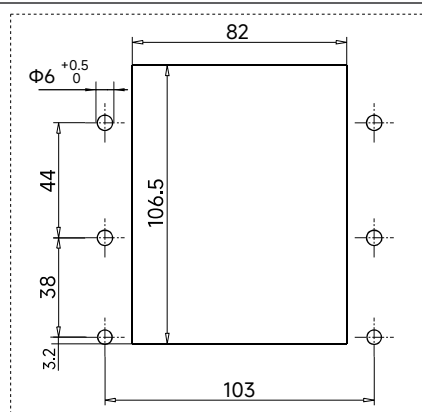
外形尺寸
Dimensions



螺栓锁紧方向



开孔尺寸
Cut-out



KEL 电缆引入系统

CABLE ENTRY SYSTEMS

KEL 16 - MT 可开式穿墙板

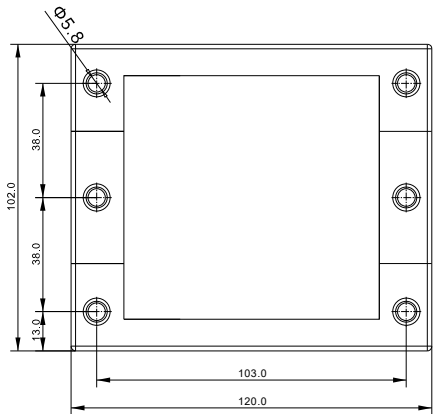


可分开穿芯 Split inserts

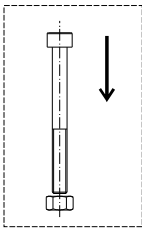
框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 16/4-MT 框架订货号 Part No. 099042259 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40	0/4
KEL 16/7-MT 框架订货号 Part No. 099042260 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	4/3
KEL 16/10-MT 框架订货号 Part No. 099042249 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	8/2
KEL 16/13-MT 框架订货号 Part No. 099042250 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	12/1
KEL 16/16-MT 框架订货号 Part No. 099042251 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示小方形使用小模块20*20	16/0

外形尺寸

Dimensions

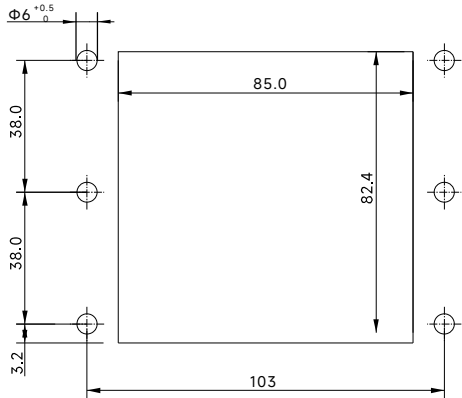


螺栓锁紧方向



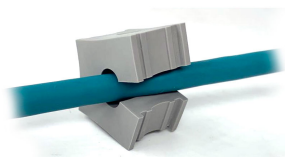
开孔尺寸

Cut-out

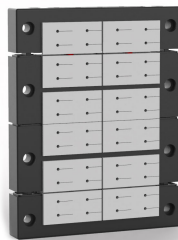


KEL 电缆引入系统
CABLE ENTRY SYSTEMS

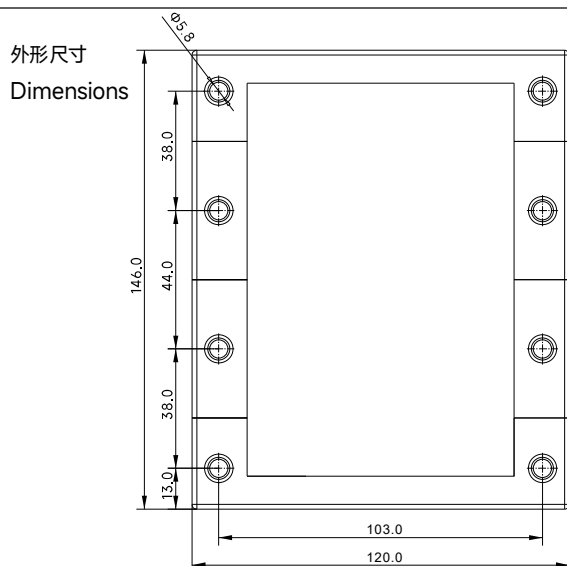
KEL 16-2 MT 可开式穿墙板



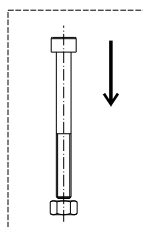
可分开穿芯 Split inserts



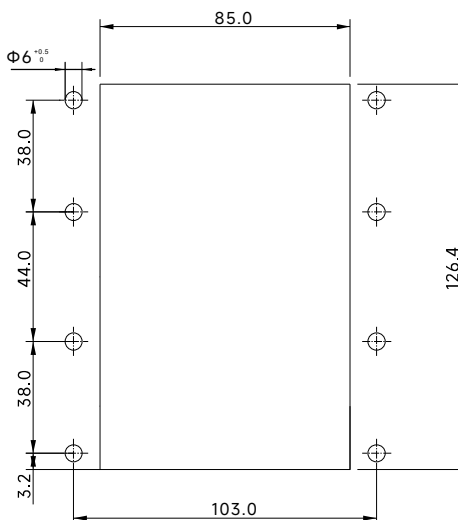
框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large	框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 16/6-2MT 框架订货号 Part No. 099042252 See page 1.3.4-1.3.11 module specifications		螺栓 锁紧 方向 ↓ 0/6 左图所示大方形使用大模块40*40	KEL 16/15-2MT 框架订货号 Part No. 099042257 See page 1.3.4-1.3.11 module specifications		螺栓 锁紧 方向 ↓ 12/3 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20
KEL 16/9-2MT 框架订货号 Part No. 099042256 See page 1.3.4-1.3.11 module specifications		螺栓 锁紧 方向 ↓ 4/5 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	KEL 16/18-2MT 框架订货号 Part No. 099042254 See page 1.3.4-1.3.11 module specifications		螺栓 锁紧 方向 ↓ 16/2 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20
KEL 16/12-2MT 框架订货号 Part No. 099042253 See page 1.3.4-1.3.11 module specifications		螺栓 锁紧 方向 ↓ 8/4 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	KEL 16/21-2MT 框架订货号 Part No. 099042270 See page 1.3.4-1.3.11 module specifications		螺栓 锁紧 方向 ↓ 20/1 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20
KEL 16/24-2MT 框架订货号 Part No. 099042255 See page 1.3.4-1.3.11 module specifications		螺栓 锁紧 方向 ↓ 24/0 左图所示小方形使用小模块20*20			



螺栓锁紧方向



开孔尺寸
Cut-out

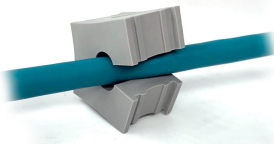


KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL 24 可开式穿墙板



电磁屏蔽框架适用穿芯
Electromagnetic shielding frame is suitable for core



可分开穿芯
Split inserts

材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0,自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
开孔尺寸 Cut-out dimensions: 37 x 110mm
KEL 高度 Height: 17mm

KEL电缆引入系统

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 24/10 框架订货号 Part No. 099042241		10/-
KEL 24/10-EMC 框架订货号 Part No. 099342241		10/-
See page 1.3.4-1.3.11 module specifications		
KEL 24/7 框架订货号 Part No. 099042247		6/1
KEL 24/7-EMC 框架订货号 Part No. 099342247		6/1
See page 1.3.4-1.3.11 module specifications		
KEL 24/4 框架订货号 Part No. 099042244		2/2
KEL 24/4-EMC 框架订货号 Part No. 099342244		2/2
KEL 24/4-2 框架订货号 Part No. 099042244-2		2/2
KEL 24/4-2-EMC 框架订货号 Part No. 099342244-2		2/2
外形尺寸 Dimensions	开孔尺寸 Cut-out	

KEL 电缆引入系统

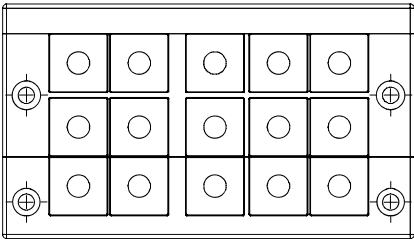
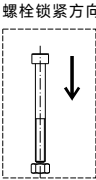
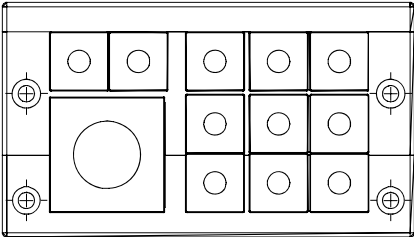
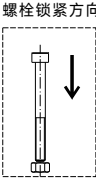
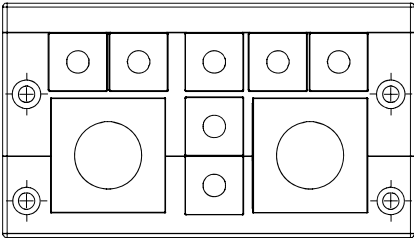
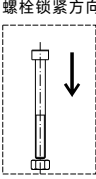
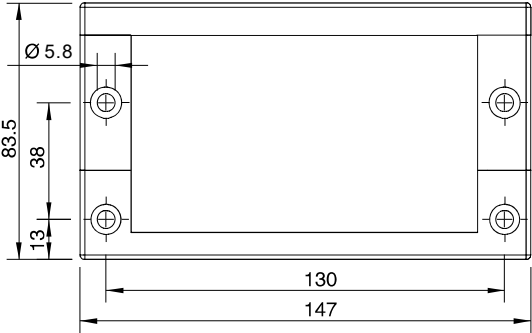
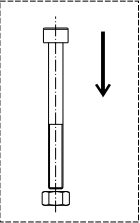
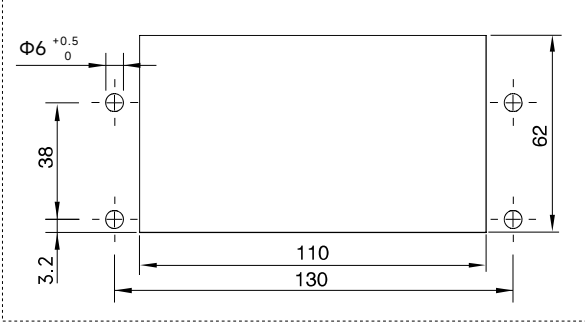
CABLE ENTRY SYSTEMS

KEL 24-E 可开式穿墙板

KEL 电缆引入系统



材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
开孔尺寸 Cut-out dimensions: 62 x 110mm
KEL 高度 Height: 17mm

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 24/15-E 框架订货号 Part No. 099042209 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示小方形使用小模块20*20	15/-
KEL 24/12-E 框架订货号 Part No. 099042208 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	11/1
KEL 24/9-E 框架订货号 Part No. 099042207 See page 1.3.4-1.3.11 module specifications	 螺栓锁紧方向  左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	7/2
外形尺寸 Dimensions  螺栓锁紧方向 	开孔尺寸 Cut-out 	

KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL 24-MTE 可开式穿墙板

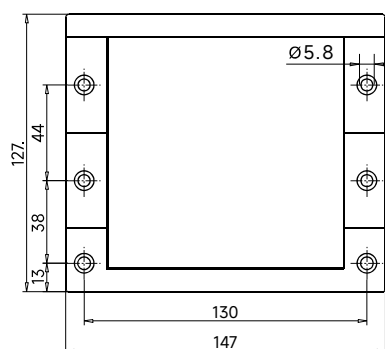


材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
KEL 高度 Height: 17mm

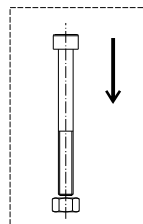
KEL 电缆引入系统

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 24/13-MTE 框架订货号 Part No. 099042272 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	9/4
KEL24/16-MTE 框架订货号 Part No. 099042273 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	13/3
KEL 24/22-MTE 框架订货号 Part No. 099042276 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	21/1
KEL 24/25-MTE 框架订货号 Part No. 099042277 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示小方形使用小模块20*20	25/0

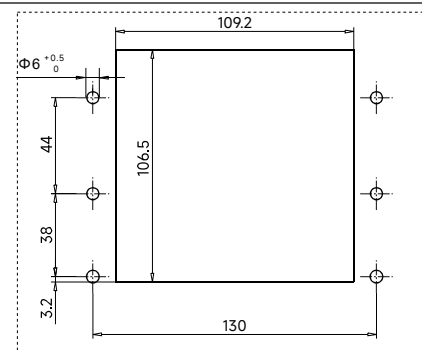
外形尺寸
Dimensions



螺栓锁紧方向



开孔尺寸
Cut-out



KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL 24-MT 可开式穿墙板

KEL 电缆引入系统

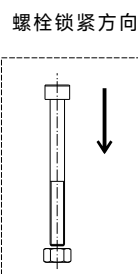
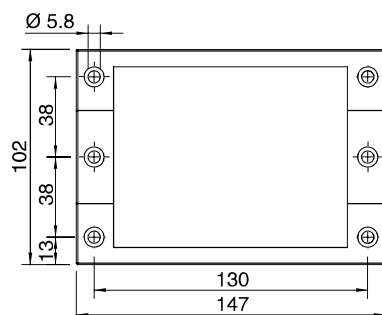


材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
KEL 高度 Height: 17mm

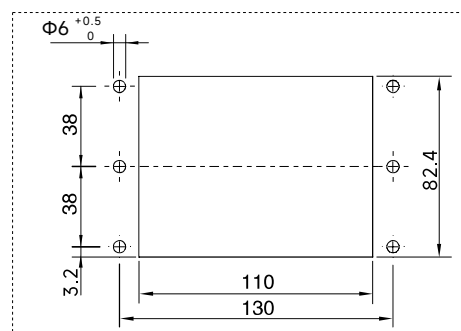
框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 24/8-MT 框架订货号 Part No. 099042221 See page 1.3.4-1.3.11 module specifications		 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20 4/4
KEL 24/11-MT 框架订货号 Part No. 099042271 See page 1.3.4-1.3.11 module specifications		 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20 8/3
KEL 24/14-MT 框架订货号 Part No. 099042225 See page 1.3.4-1.3.11 module specifications		 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20 12/2
KEL 24/17-MT 框架订货号 Part No. 099042224 See page 1.3.4-1.3.11 module specifications		 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20 16/1
KEL 24/20-MT 框架订货号 Part No. 099042232 See page 1.3.4-1.3.11 module specifications		 左图所示小方形使用小模块20*20 20/-

外形尺寸

Dimensions



开孔尺寸
Cut-out



KEL 电缆引入系统
CABLE ENTRY SYSTEMS
KEL 24-2MT 可开式穿墙板

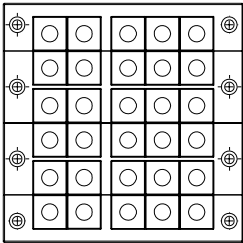


材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0,自熄灭 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
KEL 高度 Height: 17mm

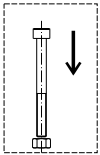
KEL电缆引入系统

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
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KEL 24/30-2MT
框架订货号 Part No.
099042234
See page 1.3.4-1.3.11
module specifications



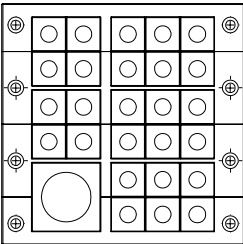
螺栓锁紧方向



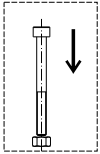
30/-

左图所示小方形使用小模块20*20

KEL 24/27-2MT
框架订货号 Part No.
099042233
See page 1.3.4-1.3.11
module specifications



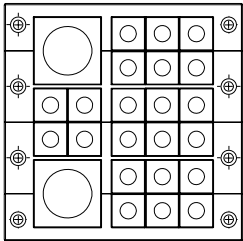
螺栓锁紧方向



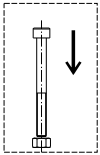
26/1

左图所示大方形使用大模块40*40
左图所示小方形使用小模块20*20

KEL 24/24-2 MT
框架订货号 Part No.
099042227
See page 1.3.4-1.3.11
module specifications

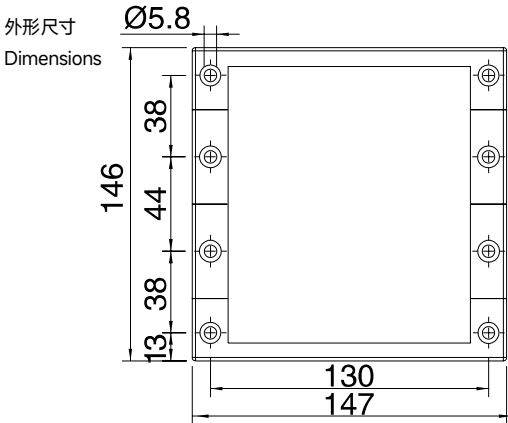


螺栓锁紧方向

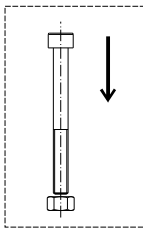


22/2

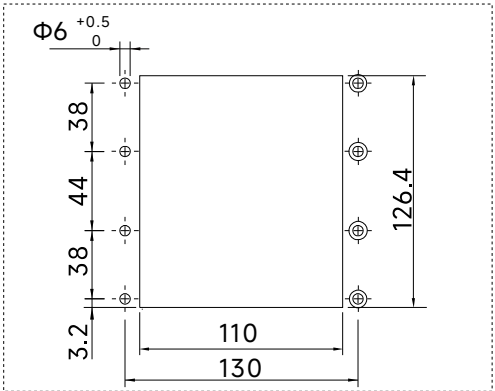
左图所示大方形使用大模块40*40
左图所示小方形使用小模块20*20



螺栓锁紧方向



开孔尺寸
Cut-out



KEL 电缆引入系统

CABLE ENTRY SYSTEMS

KEL 24-2MT 可开式穿墙板

KEL 电缆引入系统



材料 Material: 聚酰胺 Polyamide (PA)

阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing

防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
(符合 DIN EN 60529:2000-09)

With gasket and correct selection of the cable inserts

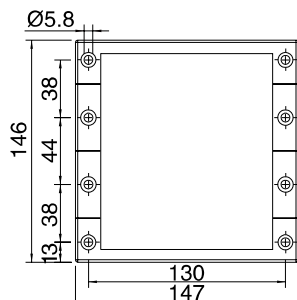
温度范围 Temperature: -40°C to +140°C (静态 Static)

特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

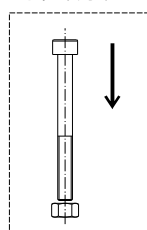
KEL 高度 Height: 17mm

框架型号 Type	示意图 Description	Kt模块数量 Inserts 小small/大large
KEL 24/21-2MT 框架订货号 Part No. 099042226 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	18/3
KEL 24/18-2MT 框架订货号 Part No. 099042275 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	14/4
KEL 24/15-2MT 框架订货号 Part No. 099042274 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	10/5
KEL 24/12-2MT 框架订货号 Part No. 099042223 See page 1.3.4-1.3.11 module specifications	螺栓锁紧方向 左图所示大方形使用大模块40*40 左图所示小方形使用小模块20*20	6/6

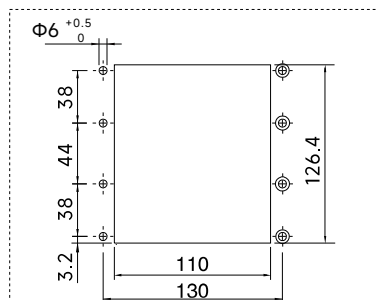
外形尺寸
Dimensions



螺栓锁紧方向



开孔尺寸
Cut-out



■ KEL-FG 法兰连接座

概述 Overview

KEL-FG 法兰连接座适用于带有连接器的电缆和波纹管安装，密封和释放应力，该电缆与机柜，机壳或机器壁成 90° 角。

KEL-FG flange connection seat is suitable for the installation of cables and corrugated pipes with connectors, sealing and stress relief, the cable and the cabinet, casing or machine wall at a 90° angle.

产品特点 Features



- 以90度的安装方式安装在机箱里
 - 机械防护电缆直接入口的地方
 - 防水渍和水滴
 - 有端头的电缆组件的品质得以延续
 - 张紧力按照EN 62444标准设计
 - 很高的稳定性、防震
- Installed in the chassis with a 90-degree installation
 - The place where the mechanical protection cable directly enters
 - Waterproof stains and water droplets
 - The quality of cable assemblies with ends continues
 - Tensioning force is designed according to EN 62444 standard
 - Very high stability, shockproof
- Can be used in combination with KEL detachable cable entry system

KEL-FG 法兰连接座

KEL-FG 法兰连接座



材料 Material: 聚酰胺 Polyamide (PA)
 阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
 防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格
 (符合 DIN EN 60529:2000-09)
 With gasket and correct selection of the cable inserts
 温度范围 Temperature: -40°C to +140°C (静态 Static)
 特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

型号 Typ	订货号 Part Code	尺寸 Demension	开孔 Cut out	适用于 Suit For
KEL 6-FG	099047333			KEL 6
KEL 10-FG	099047334			KEL 10
KEL 16-FG	099047335			KEL 16
KEL 24-FG	099047336			KEL 24

KEL 电缆引入系统 CABLE ENTRY SYSTEMS

KEL SNAP 快速安装底座

概述 Overview



KEL SNAP 快速安装底座是用来密封

KEL-6、KEL-10、KEL-16、KEL-24系列穿墙板。

快速安装底座为电缆引入系统提供了一种便捷的安装方式,电缆穿过模块后,通过简单的按压,即可安装完成。

The KEL SNAP quick mounting base is used to seal KEL-6, KEL-10, KEL-16, KEL-24 through wall panels

Provides a convenient installation method for the cable entry system.

After the cable passes through the module, it is simply pressed.

It's Easy to install.

产品特点 Features



1、维护极其方便

Extremely convenient maintenance

2、引入框架非常快速、方便

Introducing the frame is very fast and convenient

3、无工具安装

No special tools required to install



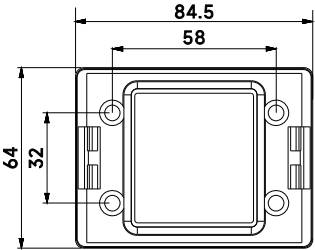
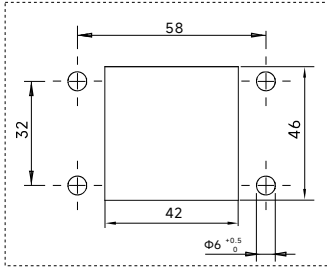
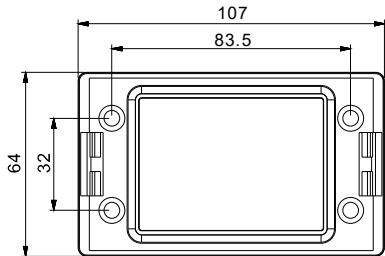
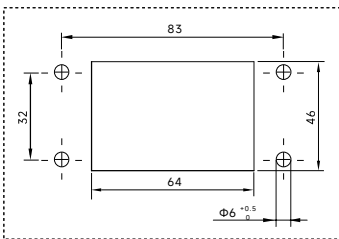
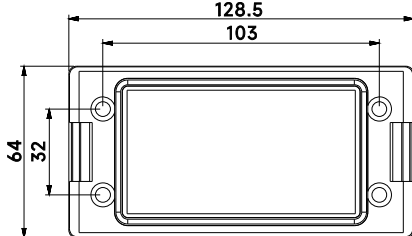
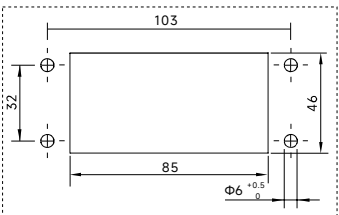
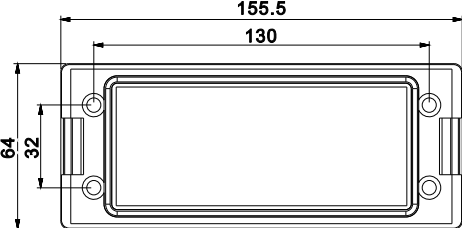
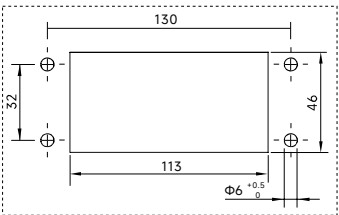
KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL SNAP 快速安装底座

KEL 电缆引入系统



材料 Material: 聚酰胺 Polyamide (PA)
阻燃等级 Flame class: UL94-V0, 自熄 Self-extinguishing
防护等级 Protection degree: IP54, 使用密封垫且正确选择穿芯规格 (符合 DIN EN 60529:2000-09)
With gasket and correct selection of the cable inserts
温度范围 Temperature: -40°C to +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
KEL 高度 Height: 38mm

框架型号 Type	示意图 Description	开孔尺寸 Cut-out Dim.	适用于 Suit For
KEL-SNAP-6 框架订货号 Part No. 099040600 			KEL-6/1 KEL-6/4
KEL-SNAP-10 框架订货号 Part No. 099041000 			KEL-10/3 KEL-10/6
KEL-SNAP-16 框架订货号 Part No. 099041600 			KEL-16/2 KEL-16/4 KEL-16/5 KEL-16/8
KEL-SNAP-24 框架订货号 Part No. 099042400 			KEL-24/4 KEL-24/5 KEL-24/7 KEL-24/10

KEL EMC 接地安装板

KEL-EMC 适用于已安装线缆，无需要切断即可到屏蔽需求的场合。

KEL-EMC is suitable for the installation of cables, and it can reach the shielding requirements without cutting.



KEL 电缆引入系统
CABLE ENTRY SYSTEMS

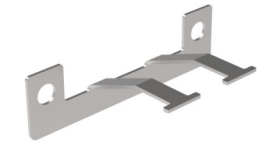
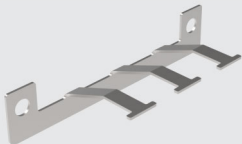
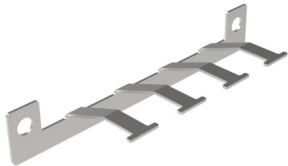
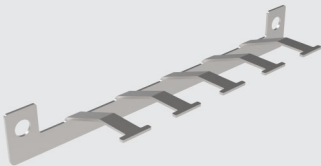
KEL-EMC 接地安装板

材料 Material: 不锈钢 Stainless steel

优点:

- 可以直接、快速地连接机箱
- 极大地节省空间，使用两组最多可使用10条电缆
- 替代EMC电缆密封套，也用于预接线电缆
- 低电阻屏蔽触点

KEL接地安装板

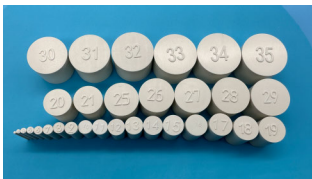
框架型号 Type	型号 Typ	订货号 Part Code	线缆数 Cables	适用于 Suit For
	KEL-EMC 6	0936520	2	KEL-E2 KEL-6/1 KEL-6/4
	KEL-EMC 10	0936522	3	KEL-E3 KEL-10/3 KEL-10/6
	KEL-EMC 16/4	0936524	4	KEL-E4 KEL-16/2 KEL-16/4 KEL-16/5 KEL-16/8
	KEL-EMC 24/5	0936526	5	KEL-E5 KEL-24/4 KEL-24/5 KEL-24/7 KEL-24/10
	KEL-EMC-F	0939110	3	KEL-6/x KEL-10/x KEL-16/x KEL-24/4 KEL-24/5 KEL-24/7 KEL-24/10

KEL 电缆引入系统
CABLE ENTRY SYSTEMS

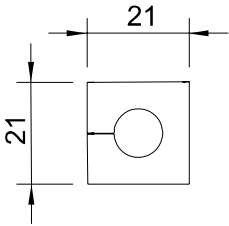
KT 模块 (小) Inserts, small



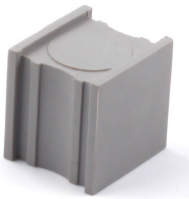
KT模块



ST堵头



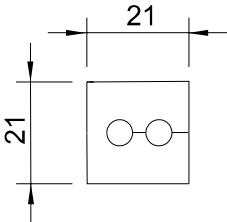
材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0, 自熄灭 Self-extinguishing
防护等级 Protection degree: IP54
温度范围 Temperature: -40°C ~ +90°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

示意图 Description	型号 Type	订货号 Part No.	夹紧范围 Clamping Range	ST堵头		
				型号 Type	订货号 Part No.	长度 Length L
BTK 	BTK	099041251	无			
KT (小) KT (small) 	KT 2	099039934	2-3 mm	ST2	099042909	20 mm
	KT 3	099041203	3-4 mm	ST3	099042901	20 mm
	KT 4	099041204	4-5 mm	ST4	099042908	20 mm
	KT 5	099041205	5-6 mm	ST5	099042906	20 mm
	KT 6	099041206	6-7 mm	ST6	099042903	20 mm
	KT 7	099041207	7-8 mm	ST7	099042905	20 mm
	KT 8	099041208	8-9 mm	ST8	099042899	20 mm
	KT 9	099041209	9-10 mm	ST9	099042897	20 mm
	KT 10	099041210	10-11 mm	ST10	099042895	20 mm
	KT 11	099041211	11-12 mm	ST11	099042893	20 mm
	KT 12	099041212	12-13 mm	ST12	099042891	20 mm
	KT 13	099041213	13-14 mm	ST13	099042889	20 mm
	KT 14	099041214	14-15 mm	ST14	099042887	20 mm
	KT 15	099041215	15-16 mm	ST15	099042885	20 mm
	KTs 16	099039901	16 mm	ST16	099042883	20 mm
	KTs 17	099039902	17 mm	ST17	099042881	20 mm
KT 2/x 	KT 2/2	099039949	2xΦ2mm	ST2	099042909	20 mm
	KT 2/3	099039939	2xΦ3mm	ST3	099042901	20 mm
	KT 2/4	099039906	2xΦ4mm	ST4	099042908	20 mm
	KT 2/5	099041200	2xΦ5mm	ST5	099042906	20 mm
	KT 2/6	099041201	2xΦ6mm	ST6	099042903	20 mm
	KT 2/7	099041202	2xΦ7mm	ST7	099042905	20 mm
	KT 2/8	099039917	2xΦ8mm	ST8	099042899	20 mm
	KT 4/2	099039959	4xΦ2mm	ST2	099042909	20 mm
KT 4/x 	KT 4/3	099039914	4xΦ3mm	ST3	099042901	20 mm
	KT 4/4	099039909	4xΦ4mm	ST4	099042908	20 mm
	KT 4/5	099039908	4xΦ5mm	ST5	099042906	20 mm
	KT 4/6	099039932	4xΦ6mm	ST6	099042903	20 mm
	KT 4/7	099039933	4xΦ7mm	ST7	099042905	20 mm

KT模块(小)

KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KT 横向孔模块 (小) Inserts, Horizontal,small



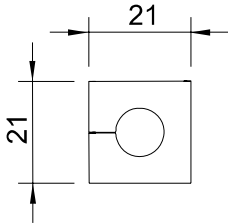
材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0,自熄灭Sef- extinguishing
防护等级 Protection degree: IP54
温度范围 Temperature: -40°C ~ +90°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free号

示意图 Description	型号 Type	订货号 Part No.	夹紧范围 Clamping Range	ST堵头		
				型号 Type	订货号 Part No.	长度 Length L
KT 2/X+H	KT2/2H	099039950	2*2mm	ST2	099042909	20 mm
	KT2/3H	099039951	2*3mm	ST3	099042901	20 mm
	KT2/4H	099039952	2*4mm	ST4	099042908	20 mm
	KT2/5H	099039953	2*5mm	ST5	099042906	20 mm
	KT2/6H	099039954	2*6mm	ST6	099042903	20 mm
	KT2/7H	099039955	2*7mm	ST7	099042905	20 mm
	KT2/8H	099039956	2*8mm	ST8	099042899	20 mm

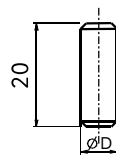


KEL 电缆引入系统
CABLE ENTRY SYSTEMS

EMC-KT 模块 (小) Inserts, small



材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0,自熄灭Self-extinguishing
防护等级 Protection degree: IP54
温度范围 Temperature: -40°C ~ +90°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free号

示意图 Description	型号 Type	订货号 Part No.	夹紧范围 Clamping Range	ST堵头		
				型号 Type	订货号 Part No.	长度 Length L
EMC-KT (小) 	EMC-KT 2	099139934	2-3 mm	ST2	099042909	20 mm
	EMC-KT 3	099131203	3-4 mm	ST3	099042901	20 mm
	EMC-KT 4	099131204	4-5 mm	ST4	099042908	20 mm
	EMC-KT 5	099131205	5-6 mm	ST5	099042906	20 mm
	EMC-KT 6	099131206	6-7 mm	ST6	099042903	20 mm
	EMC-KT 7	099131207	7-8 mm	ST7	099042905	20 mm
	EMC-KT 8	099131208	8-9 mm	ST8	099042899	20 mm
	EMC-KT 9	099131209	9-10 mm	ST9	099042897	20 mm
	EMC-KT 10	099131210	10-11 mm	ST10	099042895	20 mm
	EMC-KT 11	099131211	11-12 mm	ST11	099042893	20 mm
	EMC-KT 12	099131212	12-13 mm	ST12	099042891	20 mm
	EMC-KT 13	099131213	13-14 mm	ST13	099042889	20 mm
	EMC-KT 14	099131214	14-15 mm	ST14	099042887	20 mm
	EMC-KT 15	099131215	15-16 mm	ST15	099042885	20 mm
	EMC-KTs 16	099139901	16 mm	ST16	099042883	20 mm
	EMC-KTs 17	099139902	17 mm	ST17	099042881	20 mm
ST堵头 	EMC-KT 2/2	099139949	2xΦ2mm	ST2	099042909	20 mm
	EMC-KT 2/3	099139939	2xΦ3mm	ST3	099042901	20 mm
	EMC-KT 2/4	099139906	2xΦ4mm	ST4	099042908	20 mm
	EMC-KT 2/5	099131200	2xΦ5mm	ST5	099042906	20 mm
	EMC-KT 2/6	099131201	2xΦ6mm	ST6	099042903	20 mm
	EMC-KT 2/7	099131202	2xΦ7mm	ST7	099042905	20 mm
	EMC-KT 2/8	099139917	2xΦ8mm	ST8	099042899	20 mm
EMC-KT 4/x 	EMC-KT 4/2	099139959	4xΦ2mm	ST2	099042909	20 mm
	EMC-KT 4/3	099139914	4xΦ3mm	ST3	099042901	20 mm
	EMC-KT 4/4	099139909	4xΦ4mm	ST4	099042908	20 mm
	EMC-KT 4/5	099139908	4xΦ5mm	ST5	099042906	20 mm
	EMC-KT 4/6	099139932	4xΦ6mm	ST6	099042903	20 mm
	EMC-KT 4/7	099139933	4xΦ7mm	ST7	099042905	20 mm

EMC-KT 模块

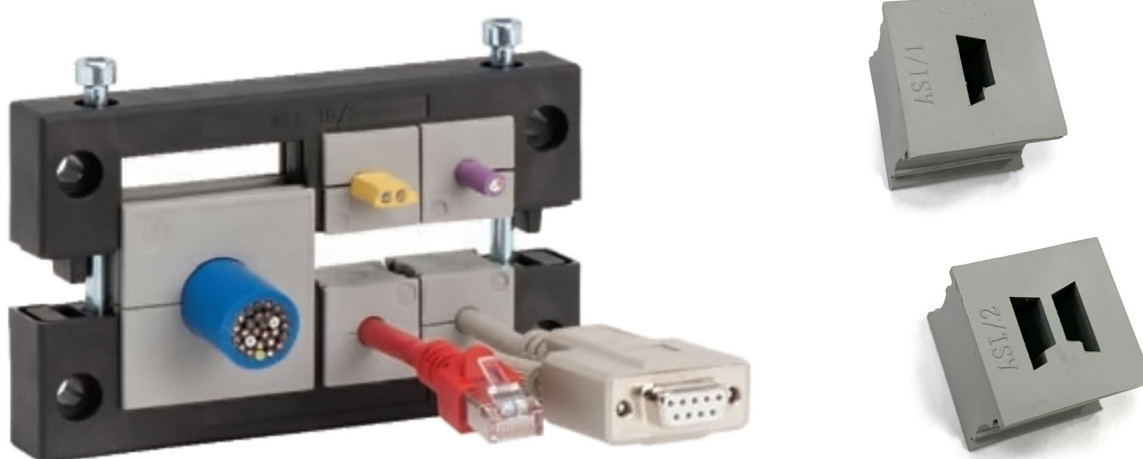
KQT ASI 模块

KEL-EMC 适用于已安装线缆，无需要切断即可到屏蔽需求的场合。

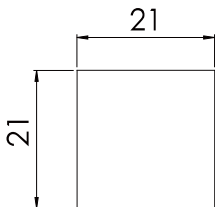
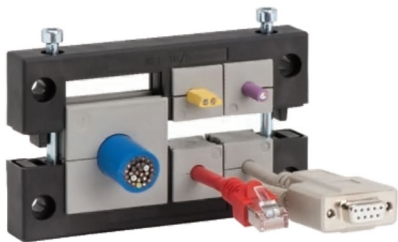
KEL-EMC is suitable for the installation of cables, and it can reach the shielding requirements without cutting.

KQT ASI模块

KQT-ASI 模块



KQT 模块 Cable Grommets



KQT 系列适用于ASI线缆
安装模块时，平坦的一面应朝向框架的中间。
这样可以使相邻模块提供牢固的密封。

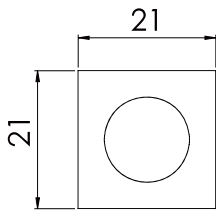
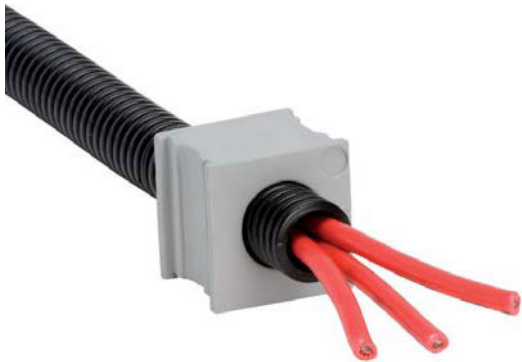
材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0,自熄灭 Self-extinguishing
防护等级 Protection degree: IP54
温度范围 Temperature: -40°C ~ +90°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

示意图 Description	型号 Type	订货号 Part No.	夹紧范围 Clamping Range
	KQT-ASI/1	099052573	1*ASI 线缆
	KQT-ASI/2	099052574	2*ASI 线缆
	ST ASI	099052575	

KQT ASI模块

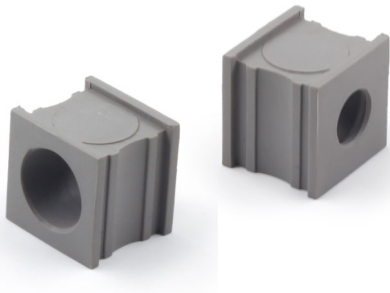
KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KTP 模块 (小) Inserts, small



材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0,自熄灭Self-extinguishing
防护等级 Protection degree: IP65
温度范围 Temperature: -40°C to +90°C (静态 Static)
特性 Properties: 无卤 Halogen-free

KTP模块(小)

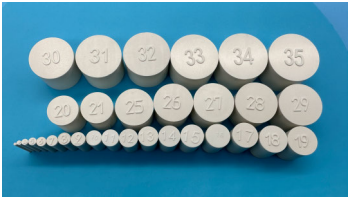
示意图 Description	型号 Type	订货号 Part No.	夹紧范围 Clamping Range
KTP-D  横截面 KDP	KTP-A	099042565	2.5-4.5 mm
	KTP-B	099040475	4.0-7.5 mm
	KTP-C	099046510	6.5-10 mm
	KTP-D	099049513	9.5-13 mm
	KTP-E	099041316	11-14mm
KTP 堵头 	KTP-BTG1	099041410	适用于KTP-A
	KTP-BTG2	099041416	适用于KTP-B
	KTP-BTG-3	099041417	适用于KTP-C
	KTP-BTG-4	099041418	适用于KTP-D
	KTP-BTG-5	099041419	适用于KTP-E
	KTMB-Ax2	099042545	2.5-4.5mm x 2
	KTMB-Bx2	099044575	4.5-7.5mm x 2

KEL 电缆引入系统
CABLE ENTRY SYSTEMS

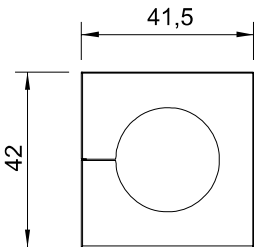
KT 模块 (大) Inserts, large



KT模块



ST堵头



材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0,自熄灭Self-extinguishing
防护等级 Protection degree: IP65
温度范围 Temperature: -40°C ~ +90°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

示意图 Description	型号 Type	订货号 Part No.	夹紧范围 Clamping Range
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ATG

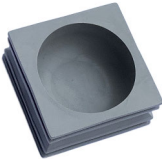


ATG

099041253

适配器插入

BTG



BTG

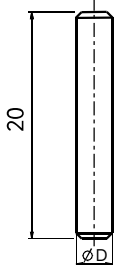
099041252

填充块

KT (大)



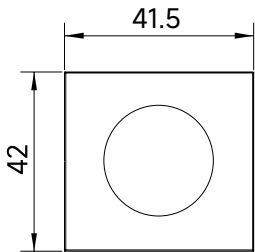
ST堵头



型号Typ.	订货号 Part code	型号Typ.	订货号 Part code	夹线范围 Wire range	型号Typ.	订货号 Part No.
KT 16	099041216	EMC-KT 16	099081216	16-17 mm	ST17	099042881
KT 17	099041217	EMC-KT 17	099081217	17-18 mm	ST18	099043018
KT 18	099041218	EMC-KT 18	099081218	18-19mm	ST19	099043019
KT 19	099041219	EMC-KT 19	099081219	19-20 mm	ST20	099043020
KT 20	099041220	EMC-KT 20	099081220	20-21 mm	ST21	099043021
KT 21	099041221	EMC-KT 21	099081221	21-22mm	ST22	099043022
KT 22	099041222	EMC-KT 22	099081222	22-23 mm	ST23	099043023
KT 23	099041223	EMC-KT 23	099081223	23-24 mm	ST24	099043024
KT 24	099041224	EMC-KT 24	099081224	24-25mm	ST25	099043025
KT 25	099041225	EMC-KT 25	099081225	25-26 mm	ST26	099043026
KT 26	099041226	EMC-KT 26	099081226	26-27 mm	ST27	099043027
KT 27	099041227	EMC-KT 27	099081227	27-28mm	ST28	099043028
KT 28	099041228	EMC-KT 28	099081228	28-29 mm	ST29	099043029
KT 29	099041229	EMC-KT 29	099081229	29-30 mm	ST30	099043030
KT 30	099041230	EMC-KT 30	099081230	30-31 mm	ST31	099043031
KT 31	099041231	EMC-KT 31	099081231	31-32 mm	ST32	099043032
KT 32	099041232	EMC-KT 32	099081232	32-33 mm	ST33	099043033
KT 33	099041233	EMC-KT 33	099081233	33-34 mm	ST34	099043034
KT 34	099041234	EMC-KT 34	099081234	34-35 mm	ST35	099043035
KT 35	099041235	EMC-KT 35	099081235	35-36 mm	ST35	099043035

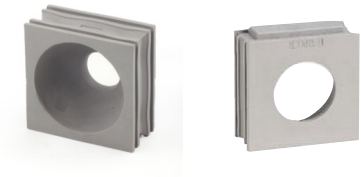
KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KTB 模块(大) Inserts, large

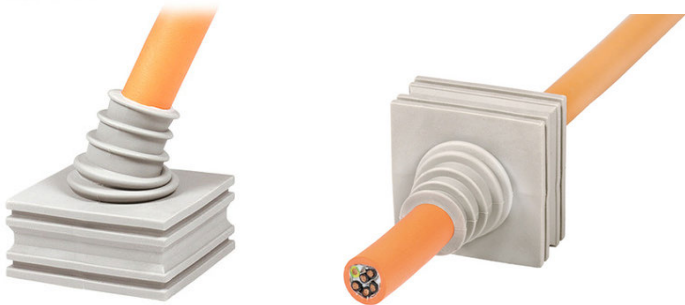


材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0,自熄灭Self-extinguishing
防护等级 Protection degree: IP54
温度范围 Temperature: -40°C to +90°C (静态 Static)
特性 Properties: 无卤 Halogen-free

KTB模块(大)

示意图 Description	型号 Type	订货号 Part No.	夹紧范围 Clamping Range
KTMB 	KTMB-G	099041318	13-18 mm
	KTMB-H	099041823	18-23 mm
	KTMB-I	099042328	23-28 mm
	KTMB-J	099042833	28-33 mm
KTB 堵头 	KTMB-BTG1	099045224	适用于 KTMB-G
	KTMB-BTG2	099045234	适用于KTMB-H
	KTMB-BTG3	099045244	适用于KTMB-I
	KTMB-BTG4	099045254	适用于 KTMB-J
	KTMB-K	099241318	2x13-18 mm

KT-DPF 多孔径穿芯模块



材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0,自熄灭Self-extinguishing
防护等级 Protection degree: IP54
温度范围 Temperature: -40°Cto +90°C (静态 Static)
特性 Properties: 无卤 Halogen-free

示意图 Description	图例 fig.	型号 Type	订货号 Part No.	夹紧范围 Clamping Range
		KT-DPF-A	099050314	3-14 mm
		KT-DPF-B	099050418	4-18 mm
		KT-DPF-C	099051232	12-32 mm

KT-DT 多孔穿芯模块



示意图 Description	型号 Type	订货号 Part No.	夹紧范围 Clamping Range
	KT-DT1	099061500	12 × 1 - 6.5mm 2 × 1 - 12.2mm
	KT-DT2	099061510	16 × 1 - 7.1mm
	KT-DT3	099061520	4 × 1 - 6.5mm 3 × 1 - 9.5mm 3 × 1 -11.3mm
	KT-DT4	099061530	9 × 1 - 9.5mm
	KT-DT5	099061540	4 × 1 - 14.5mm 1 × 1 - 9.5mm
	KT-DT7	099061550	4 × 1 - 6mm
	KT-DT8	099061560	2 × 1 - 7mm 2 × 1 - 4mm

材料 Material: 合成橡胶 Elastomer

阻燃等级 Flame class: UL94-V0,自熄灭Self-extinguishing

防护等级 Protection degree: IP54

温度范围 Temperature: -40°Cto +90°C (静态 Static)

特性 Properties: 无卤 Halogen-free

KT-DT 模块

KEL 电缆引入系统
CABLE ENTRY SYSTEMS

KEL 64 大线径密封框架

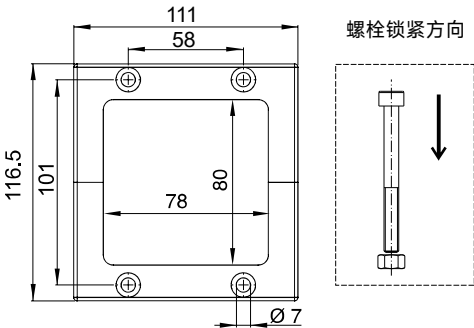


材料 Material: 聚酰胺 Polyamide(PA)
阻燃等级 Flame class: UL94-V0,自熄灭Sef- extinguishing
防护等级 Protection degree: IP54
温度范围 Temperature: -40°C ~ +140°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free
开孔尺寸 Cut-out dimensions:
圆形, 电缆直径 Round, cable diameter +15%

型号 Type	示意图 Description	订货号 Part No.	尺寸 Size 长Length x 宽Width x 高Height
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KEL 64/1

模块规格见3.3.15

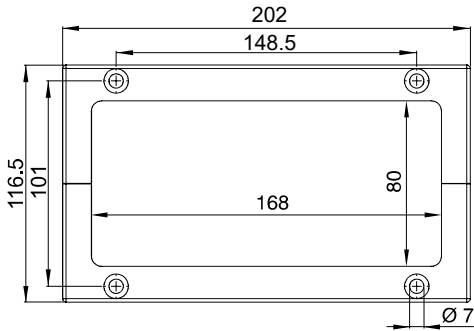


099046401

111 x 116.5 x 35

KEL 64/2

模块规格见3.3.15



099046402

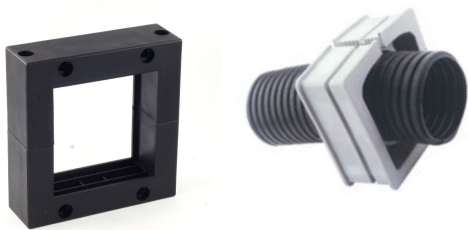
202x 116.5x 35

KEL64电缆引入系统

KEL KTF 标准波纹管模块
Standard bellows module

KTF标准波纹管模块

适用KEL64框架



材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0,自熄灭Self-extinguishing
防护等级 Protection degree: IP54
温度范围 Temperature: -40°Cto+90°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

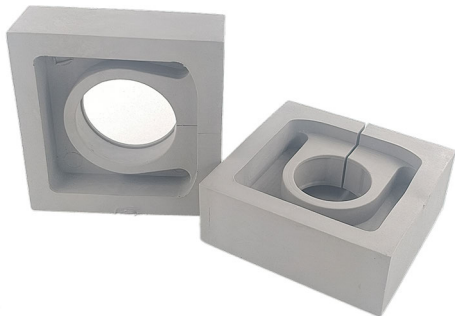
KTF电缆引入系统

型号 Type	订货号 Part No.	适用波纹管外径 Suit for bellows OD.
KTF 00	099040000	盲孔穿芯Blind Insert
KTF 34	099043400	33-36 mm
KTF 38	099043800	37-40 mm
KTF 39	099043900	38-41 mm
KTF 41	099044100	40-43 mm
KTF 42	099044200	41-44 mm
KTF 44	099044400	43-46 mm
KTF 47	099044700	46-49 mm
KTF 48	099044800	47-50 mm
KTF 54	099045400	53-56 mm
KTF 55	099045500	54-57 mm
KTF 56	099045600	55-58 mm
KTF 60	099046000	59-62 mm
KTF 61	099046100	60-63 mm
KTF63	099046300	62-65 mm
KTF 64	099046400	63-66 mm
KTF 65	099046500	64-67 mm
KTF 67	099046700	66-69 mm

KEL KTF 标准电缆模块
Standard cable module

KTF 电缆模块

适用KEL64框架



材料 Material: 合成橡胶 Elastomer
阻燃等级 Flame class: UL94-V0,自熄灭Self-extinguishing
防护等级 Protection degree: IP54
温度范围 Temperature: -40°Cto+90°C (静态 Static)
特性 Properties: 无卤, 无硅 Halogen-free, silicone-free

型号 Type	订货号 Part No.	适用电缆外径 Suit for Cable OD.
KTF 35C	099043510	35-37mm
KTF 38C	099043810	38-40mm
KTF 41C	099044110	41-43mm
KTF 44C	099044410	44-46mm
KTF 47C	099044710	47-49mm
KTF 50C	099045010	50-52mm
KTF 53C	099045310	53-55mm
KTF 56C	099045610	56-58mm
KTF 59C	099045910	59-61mm
KTF 62C	099046210	62-64mm
KTF 63C	099046311	63-65mm
KTF 65C	099046511	65-67mm
KTF 68C	099046810	68-70mm
KTF 71C	099047110	71-73mm
KTF 74C	099047410	74-76mm

KTF电缆引入系统

■ KEL-DPZ 电缆引入系统

CABLE ENTRY SYSTEMS



KEL-DPZ圆形电缆入口板设计用于在有限的空间内布线和密封标准电缆或光纤（直径从1.5毫米到22毫米）。

圆形版本KEL-DPZ系列的一部分具有适合M32至M63的公制切口的螺纹。

因此，可以使用标准公制电缆密封套和电缆夹的开孔。

KEL-DPZ与电缆或气动软管的组装可以在几秒钟内完成。

只需在薄膜上开一小缝，即可插入标准电缆

通过并立即密封（IP66 IP67 IP68）并消除应力。

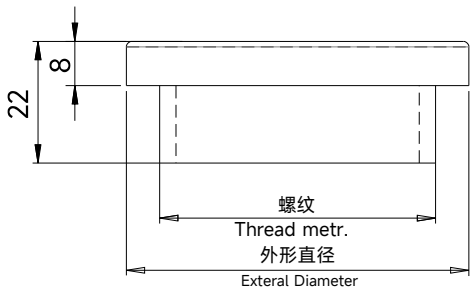
KEL-DPZ 电缆导入板
CABLE ENTRY SYSTEMS



KEL-DPZ 电缆引入板适用在有限的空间内布线和密封没有连接头或光纤的电缆（直径从1.5毫米到22毫米）。
使用电缆或气动软管穿过薄膜孔即可快速完成安装。
提供应力消除和防护等级IP66 / IP68 。
KEL-DPZ系列适用的开孔尺寸从M32到M63的公制螺纹孔。
因此，可以使用公制电缆密封套的切口。

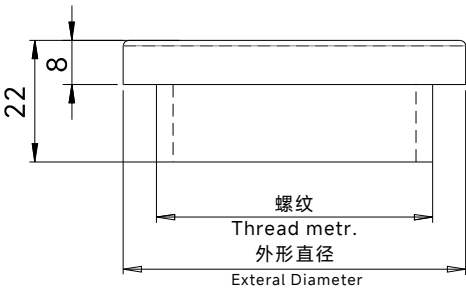
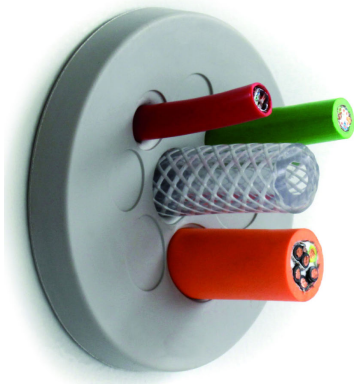
图示 Fig.	型号 Type	订货号 Part No.	线规 Cable Size	数量Num.	螺纹 Thread metr.	外形直径 External Diameter	安装高度 Mounting height
	KEL-DPZ 40/8	99143741	3.2 - 6.5 mm	4	M40 × 1.5	52 mm	8 mm
			5 - 10.2 mm	4			
	KEL-DPZ 50/8	99143750	5 - 10.2 mm	5	M50 × 1.5	62 mm	8 mm
			7.2 - 12.5 mm	3			
	KEL-DPZ 50/10	99143751	3.2 - 6.5 mm	7	M50 × 1.5	62 mm	8 mm
			5 - 10.2 mm	2			
			16 - 22.2 mm	1			
	KEL-DPZ 50/12	99143752	3.2 - 6.5 mm	4	M50 × 1.5	62 mm	8 mm
			5 - 10.2 mm	8			
	KEL-DPZ 50/19	99143758	3.2 - 6.5 mm	19	M50 × 1.5	62 mm	8 mm
	KEL-DPZ 50/78	99143756	1.5 - 2.6 mm	76	M50 × 1.5	62 mm	8 mm
			2.5- 5 mm	2			

KEL DPZ电缆导入板



材料Material:
主体frame; 聚酰胺 Polyamide (PA)
密封板Sealing plate: 合成橡胶 Elastomer
阻燃等级 Flame class:
UL94-V0, 自熄灭Self-extinguishing
防护等级 Protection degree:
IP66/IP67/IP68 (符合DIN EN 60529)
温度范围 Temperature:
-40°Cto+90°C (静态Static)

KEL-DPZ 电缆引入系统
CABLE ENTRY SYSTEMS



图示 Fig.	型号 Type	订货号 Part No.	线缆直径 Cable Size	数量Num.	螺纹 Thread metr.	外形直径 External Diameter	安装高度 Mounting height
	KEL-DPZ 63/9	99143760	3.2 - 6.5 mm	1	M63 × 1.5	75 mm	8 mm
			5 - 10.2 mm	3			
			9 - 16.2 mm	4			
			16 - 22 mm	1			
	KEL-DPZ 63/13	99143761	3.2 - 6.5 mm	4	M63 × 1.5	75 mm	8 mm
			5 - 10.2 mm	4			
			9 - 16.2 mm	5			
	KEL-DPZ 63/14	99143762	5 - 10.2 mm	14	M63 × 1.5	75 mm	8 mm
	KEL-DPZ 63/35	99143763	3.2 - 6.5 mm	35	M63 × 1.5	75 mm	8 mm



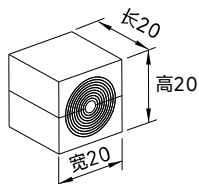
材料Material:
主体frame; 聚酰胺 Polyamide (PA)
密封板Sealing plate: 合成橡胶 Elastomer
阻燃等级 Flame class:
UL94-V0, 自熄灭Self-extinguishing
防护等级 Protection degree:
IP66/IP67/IP68 (符合DIN EN 60529)
温度范围 Temperature:
-40°Cto+90°C (静态Static)

KBD 电缆引入系统
CABLE ENTRY SYSTEMS

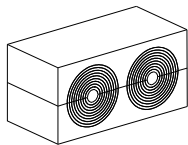
KBD 24可开式穿墙板（可变径模块）	Cable entry frames
材料 Material	改进型尼龙 halogen-free, silicone-free 66
颜色 Color	黑色 black
温度 Temperature	-40°C to + 120°C
防护等级 Protection degree	IP65
阻燃特性 Flame class	阻燃等级 flammability acc. to UL94 V0
应用场合 Suitable for situations	电力控制柜、通讯控制柜、机床控制柜、自动化设备、电源柜等需要电缆引入引出场合。



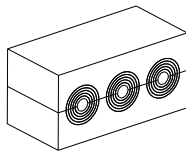
Electric control cabinet, communication, machine tool control cabinet, automation equipment, power supply cabinet need cable entry which leads to the occasion.



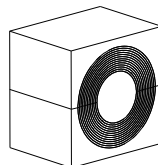
CM 20-20



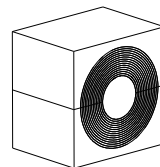
CM 20w40-20



CM 20w40-3-20



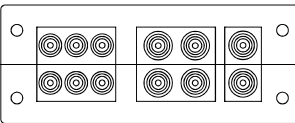
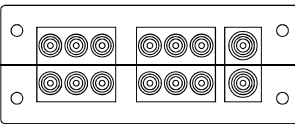
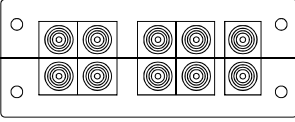
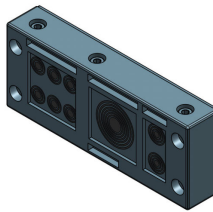
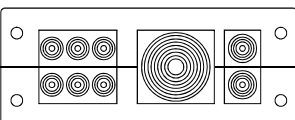
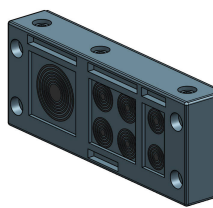
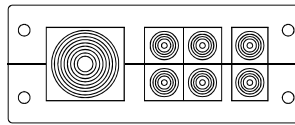
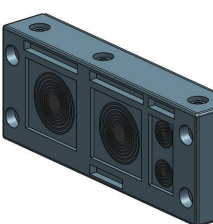
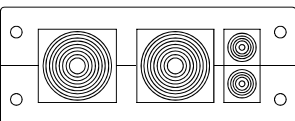
CM 40-20



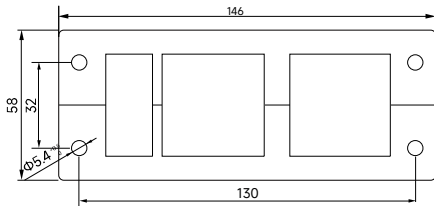
CM40 10-32-30

	型号 Type	夹紧范围 Clamping range (mm)	模块数量 Number of Modules	安装厚度 Installation height	订货号 Part No.
可变径模块	CM 20-20	4.0-14.5	0-10	20	097202010
	CM 20W40-20	3.5-16.5	0-10	20	097204010
	CM 20w40-3-20	2.8-11	0-10	20	097204013
	CM 40-20	21.5-34.5	0-2	20	097404012
	CM 40 10-32-20	9.5-32.5	0-2	20	097404010

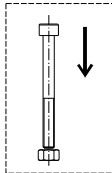
KBD 电缆引入系统
CABLE ENTRY SYSTEMS

CABLE ENTRY SYSTEMS			模块数				电缆数 Number of cables
型号 Type 订货号 Part No.	图例 Fig.	示意图 Description	CM20	CM20X40	CM40 10-32.5		
			夹紧范围 mm				
			4-14.5	2.8-11 3孔	3.5-16.5 2孔	9.5-32.5	
KBD 24/12C 097021200			2	2	2	/	12
KBD 24/14C 097020400			2	4	/	/	14
KBD 24/10C 097100000			2		4	/	10
KBD 24/9C 097020401			2	2	/	1	9
KBD 24/7C 097060001			2	2	/	1	7
KBD 24/4C 097020002			2	/	/	2	4

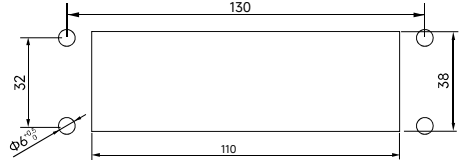
KBD 24/(XX)C
097000000



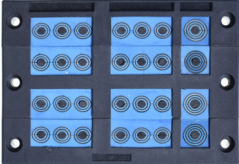
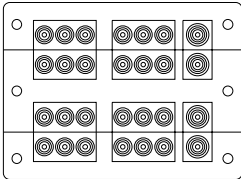
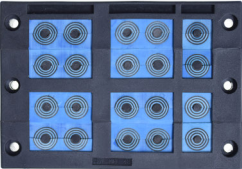
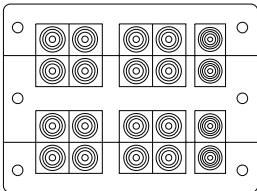
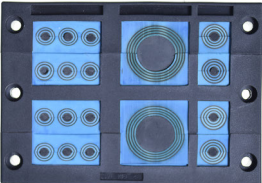
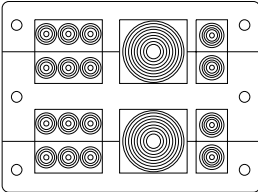
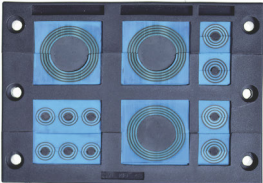
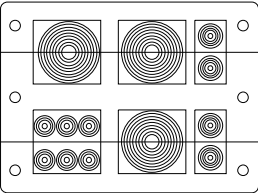
螺栓锁紧方向



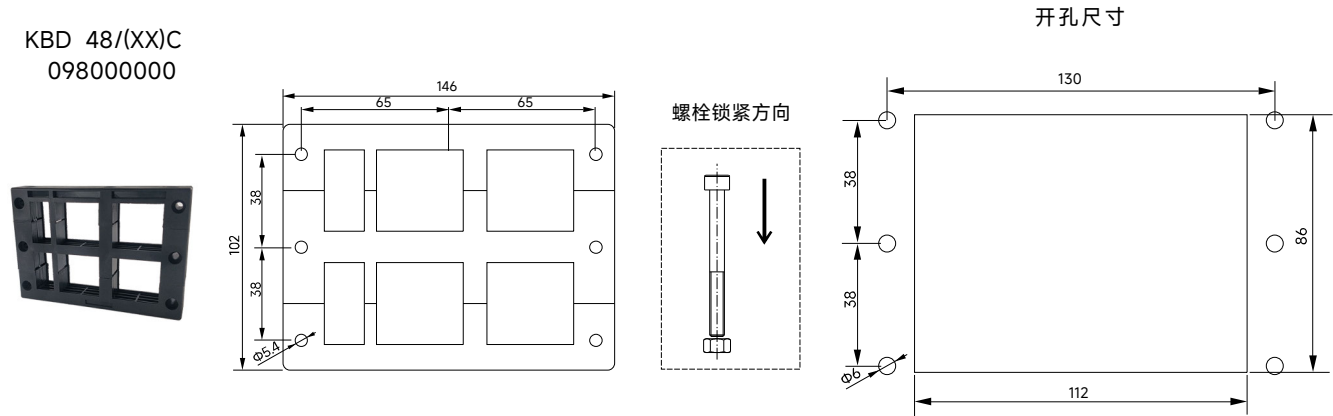
开孔尺寸



KBD 电缆引入系统
CABLE ENTRY SYSTEMS

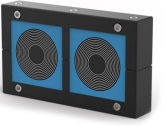
CABLE ENTRY SYSTEMS			模块数				电缆数 Number of cables
型号 Type	图例 Fig.	示意图 Description	CM20	CM20X40	CM40 10-32.5		
			夹紧范围mm				
			4-14.5	2.8-11 3孔	3.5-16.5 2孔	9.5-32.5	
KBD 48/28C 098040800			4	8	/	/	28
KBD 48/20C 098200000			4	/	8	/	20
KBD 48/18C 098040402			4	4	/	2	18
KBD 48/13C 098040203			4	2	/	3	13

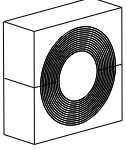
KBD 电缆引入系统



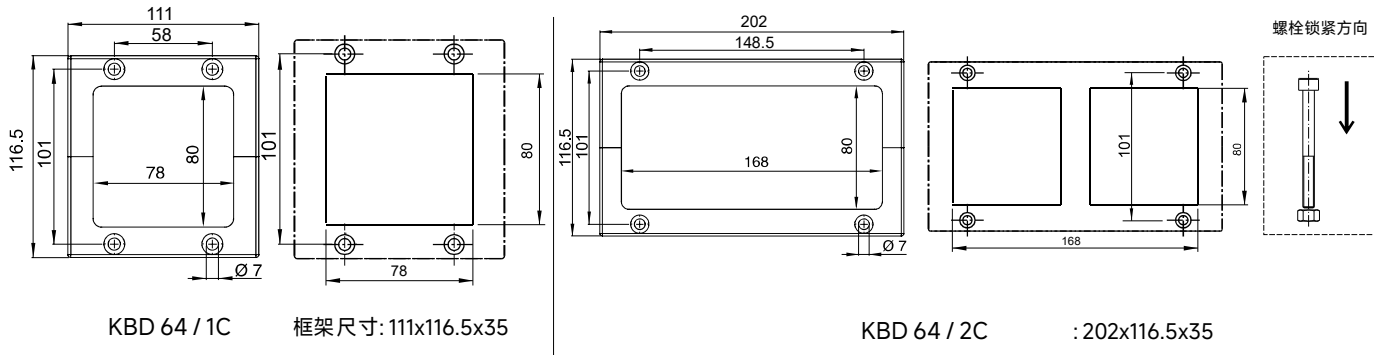
KBD 电缆引入系统
CABLE ENTRY SYSTEMS

KBD 64 可开式穿墙板 (可变径模块)	Cable entry frames
材料 Material	聚酰胺 Polyamide(PA)
颜色 Color	黑色 black
温度 Temperature	-40°C to + 120°C
防护等级 Protection degree	IP65
阻燃特性 Flame class	阻燃等级 flammability acc. to UL94 V0
应用场合 Suitable for situations	电力控制柜、通讯控制柜、机床控制柜、自动化设备、电源柜等需要电缆引入引出场合。

示意图 Fig	型号 Type	订货号 Part No.	CM40 10-32-30 范围 9.5-32.5mm 数量	CM80-30 范围 25-65mm 数量
	KBD 64 / 1C	098064001	-	1
	KBD 64 / 4C	098064004	4	-
	KBD 64 / 2C	098064002	-	2
	KBD 64 / 5C	098064005	4	1
	KBD 64 / 8C	098064008	8	0

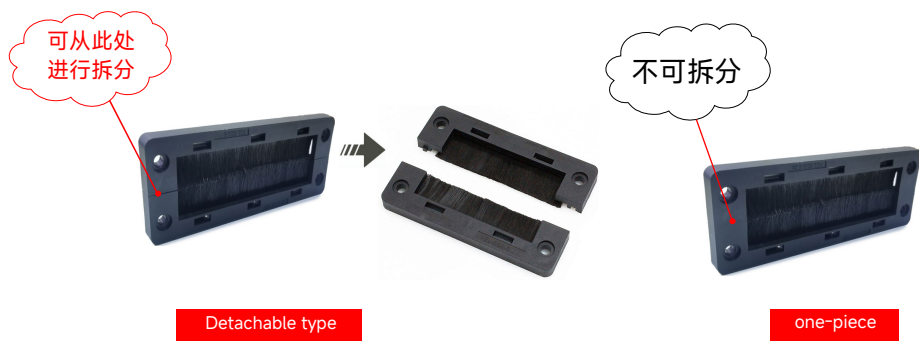
模块	型号 Type	订货号	夹紧范围	尺寸(mm)
	CM 40 10-32-30	097404020	9.5-32.5	40 x 40 x 30
	CM 80-30	097808011	28-68	80 x 80 x 30

开孔尺寸 Cut-out:



KEL-BES 带刷电缆引入系统
CABLE ENTRY SYSTEMS

材料 Material: 聚酰胺 Polyamide(PA)
颜色 Color: 黑色 black
温度 Temperature: -20°C to + 90°C
高度 Height: 10 mm



电缆引入框架 KEL-BES-S 适用于机箱、控制柜电缆引入场合。
在有灰尘、粉末的场合，KEL-BES-S 引入框架是一种理想的解决方案。
带刷板安装方式可以选用螺钉安装、膨胀铆钉安装。
电缆引入框架KEL-BES 在KEL 10、16、24标准开孔尺寸的情况均可适用。

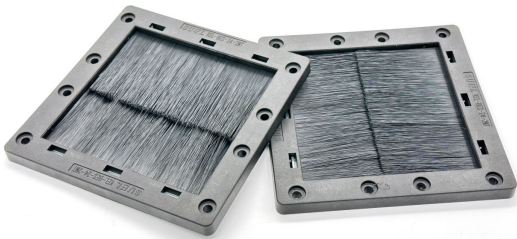
- 防尘、防异物
- 易安装
- 目视检查内部

图例 Fig.	型号 Type	订货号 Part No.	外形尺寸 Size	开孔尺寸 Cut Out
one-piece	KEL-BES-24	099051515		
Detachable type	KEL-BES-S 24	099051615		
one-piece	KEL-BES-16	099051510		
Detachable type	KEL-BES-S 16	099051610		
one-piece	KEL-BES-10	099051505		
Detachable type	KEL-BES-S 10	099051605		
Detachable type	KEL-BES-S 6	099051600		

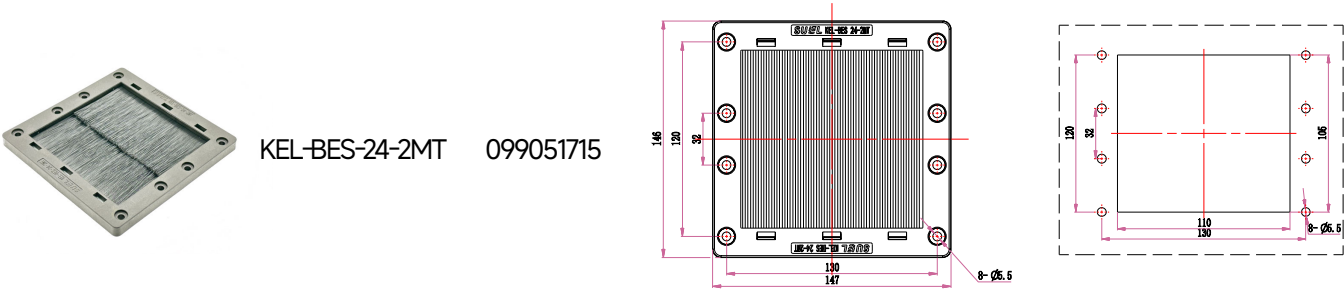
可拆分带刷

KEL-BES-2MT 带刷电缆引入系统-整体式
CABLE ENTRY SYSTEMS

材料 Material	聚酰胺 Polyamide(PA)
颜色 Color	黑色 black
温度 Temperature	-20°C to + 90°C
高度 Height	10 mm

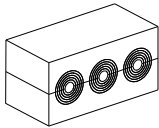


图例 Fig.	型号 Type	订货号 Part No.	外形尺寸 Size	开孔尺寸 Cut Out
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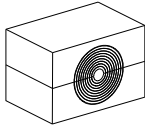


可拆分带刷

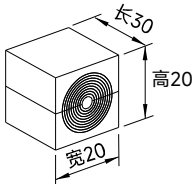
CM带中心塞的模块 MODULES WITH CORE



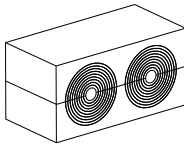
CM 15w40-30



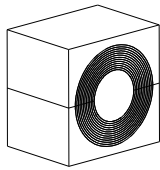
CM 30w40-30



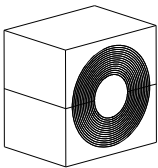
CM 20-30



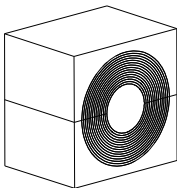
CM 20w40-30



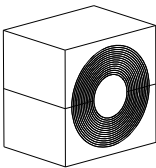
CM 40-30



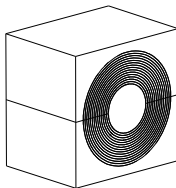
CM 40 10-32-30



CM 50-30



CM 60-30



CM 90-30

型号 Type	电缆/管道的数量 Number of cables/pipes	适配电缆 Φa~ Φb(mm) Adapter cable Φa~ Φb(mm)	外形尺寸 Profile dim. 高x宽 (长30)	订货号 Part no.
CM 15w40-30	3	3.5-10.5	15 x 40	097154010
CM 30w40-30	1	10.0-25.0	30 x 40	097304010
CM 20-30	1	4-14.5	20 x 20	097202011
CM 20w40-30	2	3.5-16.5	20 x 40	097204011
CM 40-30	1	21.5-34.5	40 x 40	097404011
CM 40 10-32-30	1	9.5-32.5	40 x 40	097404020
CM 50-30	1	12-35	50 x 50	097505010
CM 60-30	1	28-54	60 x 60	097606010
CM 90-30	1	48-79	90 x 90	097909010

KML 电缆引入系统
CABLE ENTRY SYSTEMS

KML框架，集成压紧套件(铝) Integrated pressing Kit (Aluminum)

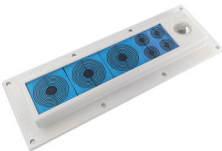
KML的防护等级为IP55，表面粉末涂层的铝框架。
拥有3种不同规格的框架，最多可容纳4至32根电缆。

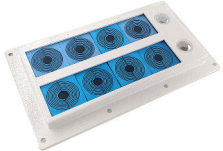
IP: 55 UL/NEMA: 3,12, 12K

图例 Fig.	型号 Type	电缆/管道的数量 Number of cables/pipes		重量 (Kg) Weight (Kg)	订货号 Part no.
		0+5-16mm (CM 20W40)	0+9.5-32.5mm (CM 40 10-32)		
	KML 10			0.248	097100001
	KML 10/4	2 cables	2 cables	0.515	097100401
	KML 10/7	6 cables	1 cables	0.515	097100701
	KML 10/10	10 cables		0.515	097101001
	KML 12			0.27	097120001
	KML 12/3		3 cables	0.61	097120301
	KML 12/6	4 cables	2 cables	0.61	097120601
	KML 12/9	8 cables	1 cables	0.61	097120901
	KML 12/12	12 cables		0.61	097121201

KML 电缆引入系统
CABLE ENTRY SYSTEMS

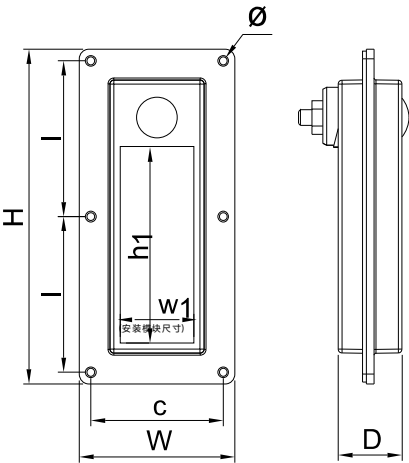
IP: 55 UL/NEMA: 3,12, 12K

图例 Fig.	型号 Type	电缆/管道的数量			重量 (Kg) Weight (Kg)	订货号 Part no.
		0+5-16mm (CM 20W40)	0+9.5-32.5mm (CM 40 10-32)	0+12-35mm (CM 50)		
	KML 15				0.3	097150001
	KML 15/3			3 cables	0.91	097150301
	KML 16				0.319	097160001
	KML 16/4		4 cables		0.666	097160401
	KML 16/7	4 cables	3 cables		0.666	097160701
	KML 16/10	8 cables	2 cables		0.666	097161001
	KML 16/16	16 cables			0.666	097161601

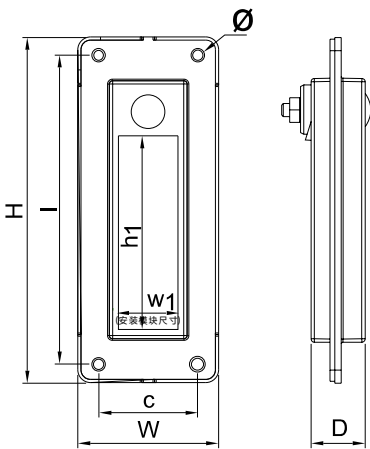
图例 Fig.	型号 Type	电缆/管道的数量			重量 (Kg) Weight (Kg)	订货号 Part no.
		0+5-16mm (CM 20W40)	0+9.5-32.5mm (CM 40 10-32)	0+12-35mm (CM 50)		
	KML 30				0.50	097300001
	KML 30/6			6 cables	1.40	097300601
	KML 32				0.544	097320001
	KML 32/8		8 cables		1.259	097320801
	KML 32/14	8 cables	6 cables		1.259	097321401
	KML 32/20	16 cables	4 cables		1.259	097322001
	KML 32/32	32 cables			1.259	097323201

技术数据 Technical Date

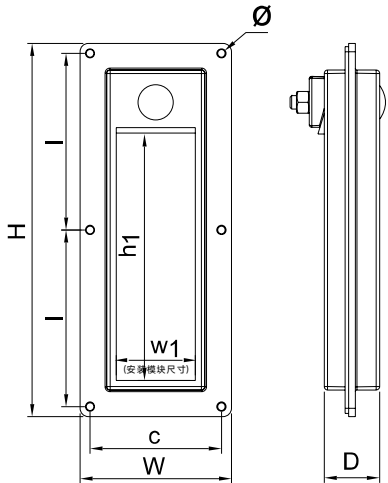
参数 Parameters	KML 10 (mm)	KML 12 (mm)	KML 15 (mm)	KML 16 (mm)	KML 30 (mm)	KML 32 (mm)
c	68.5	62	78.5	68.5	71.5	56.75
D	33	33	33	33	33	33
H	173	216	223	233	231	233
h1	100	120	150	160	150	160
l	80.5	193	105.5	73.5	109.5	73.5
w1	40	40	50	40	50	40
W	80.5	88	90.5	80.5	155	130
Φ	5.5	5.5	5.5	5.5	5.5	5.5



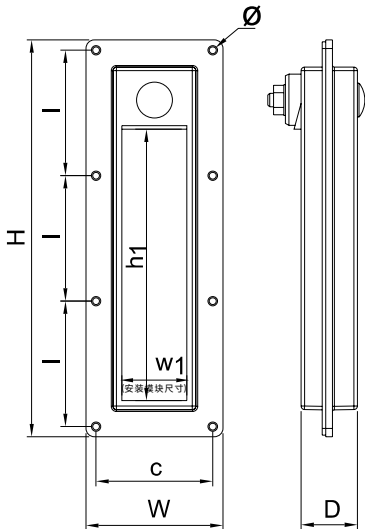
KML 10



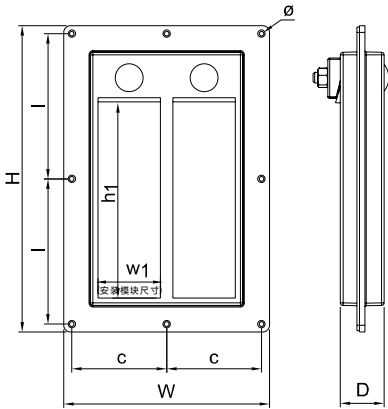
KML 12



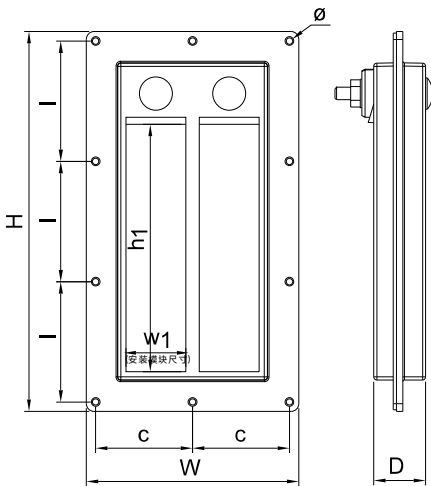
KML 15



KML 16



KML 30



KML 32

KML 框架

安装说明 How To Install



材料 Material

铝

温度 Temperature

-40°C to +120°C

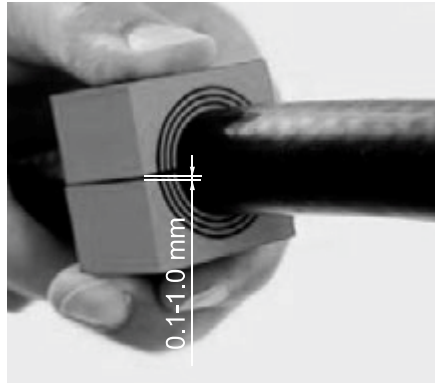
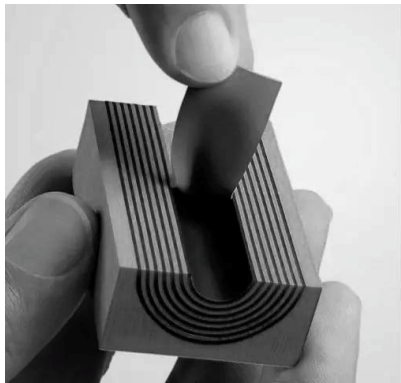
防护等级 Protection degree

IP55

应用场合 Suitable for situations

电力控制柜、通讯控制柜、机床控制柜、自动化设备、电源柜等需要电缆引入引出场合。

Electric control cabinet, communication, machine tool control cabinet, automation equipment, power supply cabinet need cable entry which leads to the occasion.



只需剥离芯层，便可使单个模块密封不同直径的电缆或管道。若不移除中心塞，则把模块作为备用件，为将来扩容做准备。

Technology based on removable layers, for perfect adaptation to a cable or a pipe. When used with a solid core, the module functions as a spare module for future capacity.

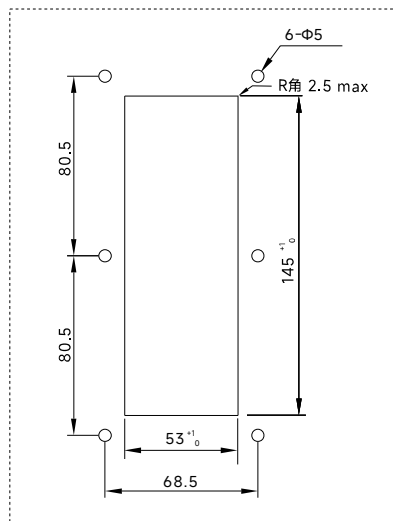
■ 适用于 CM组件

For use with Group CM components

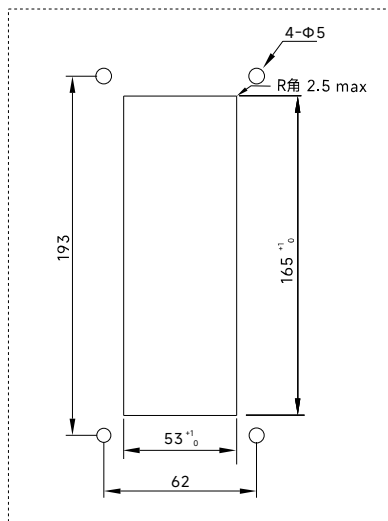
■ 可密封直径在3.5-34.5mm之间电缆和管道

Adaptable sealing modules for cables and pipes 3.5-34.5 mm OD

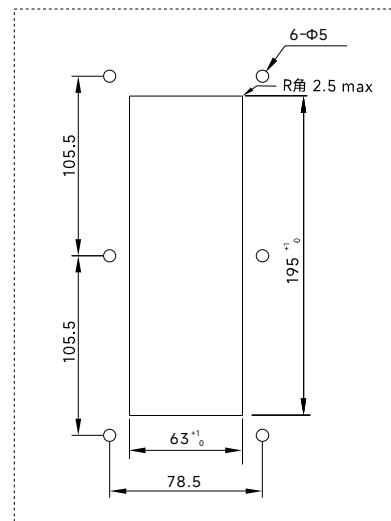
开孔尺寸 Cut-out:



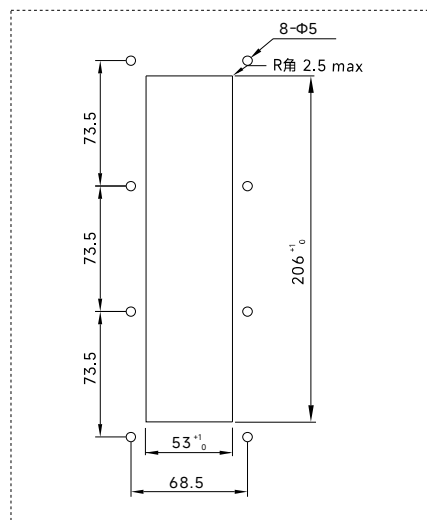
KML 10



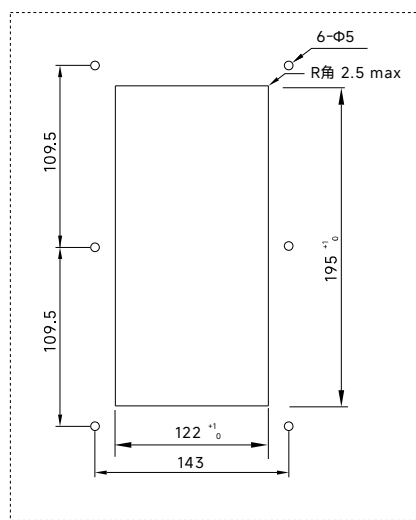
KML 12



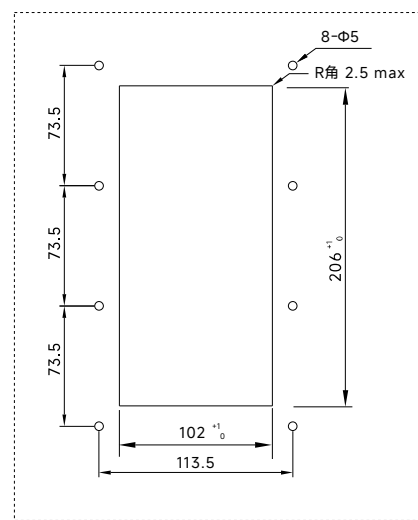
KML 15



KML 16



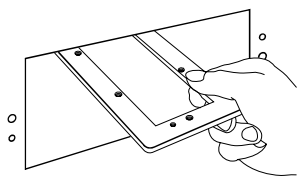
KML 30



KML 32

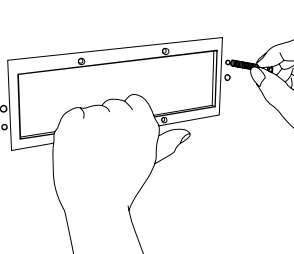
安装说明 How To Install

1



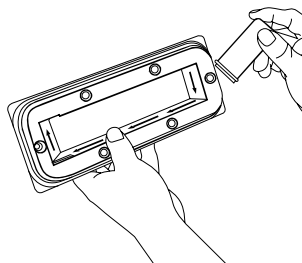
步骤一：将框板插入箱 / 柜体内。

2



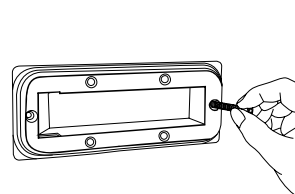
步骤二：用两个 M5 螺钉穿过箱 / 柜壁将框板固定住。

3



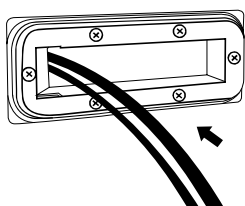
步骤三：将框架的内表面均匀涂上润滑脂。

4



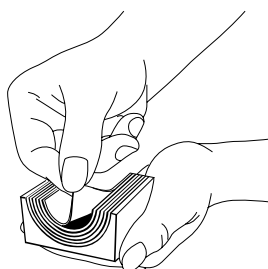
步骤四：从外面装入框架，用6个六角梅花槽螺钉将框板与框架一同固定在箱 / 柜壁，按顺序均匀旋紧即可。

5



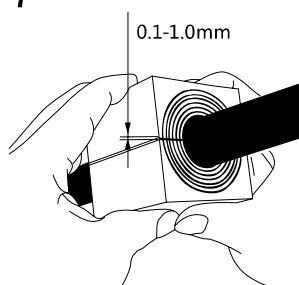
步骤五：将电缆 / 管道穿过框架。

6



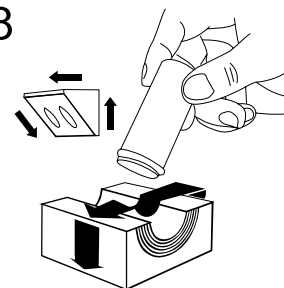
步骤六：按电缆 / 管道外径撕剥模块的变径片使其内径与电缆 / 管道外径相适应。

7



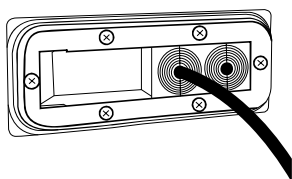
步骤七：模块与电缆 / 管道配合后，其侧缝隙在 0.1-1.0mm 之间。

8



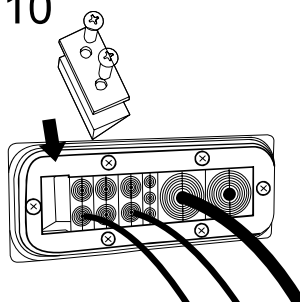
步骤八：用润滑脂涂抹变径模块及其楔形压紧块。

9



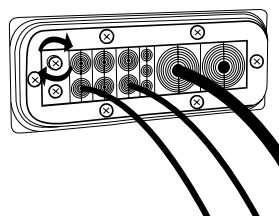
步骤九：在框内依次装入变径模块。

10

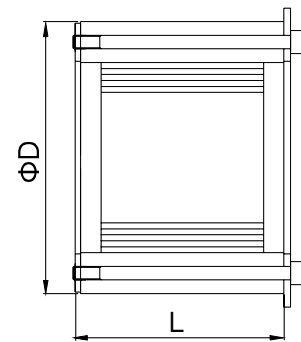
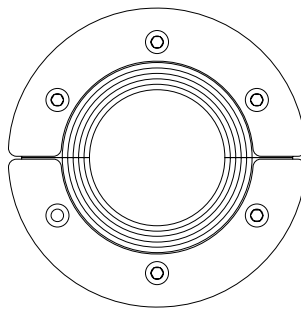
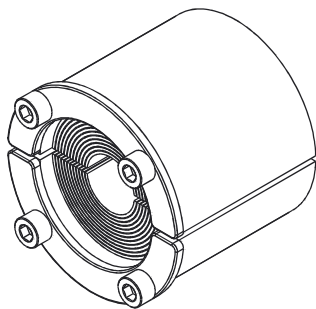


步骤十：依次放入楔形压紧块、小压板及 2 个六角梅花槽螺钉。

11

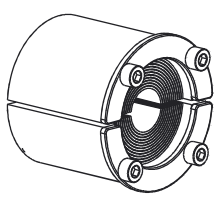


步骤十一：均匀旋紧直至密封。

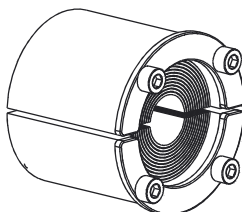


圆形贯穿密封模块

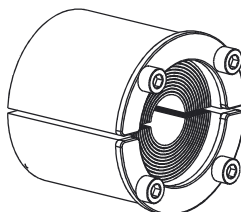
型号	订货号	外形尺寸		适用电缆/管道 外径(mm)	六角扳手尺寸 (mm)
		ΦD (mm)	L (mm)		
RP25	099090025	25	58	3.5 ~ 12	2.5
RP43	099090043	43	58	10 ~ 30	2.5
RP50	099090050	50	58	15 ~ 30	4
RP68	099090068	68	58	20 ~ 50	4
RP75	099090075	75	58	30 ~ 55	4
RP100	099090100	100	58	50 ~ 70	4
RP125	099090125	125	58	50 ~ 95	5
RP150	099090150	150	58	60 ~ 120	5
RP200	099090200	200	58	100 ~ 150	5



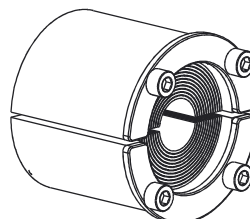
RP25



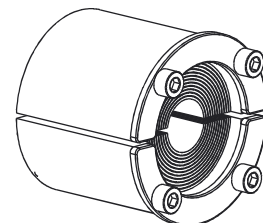
RP43



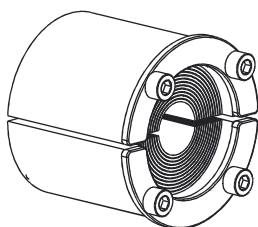
RP50



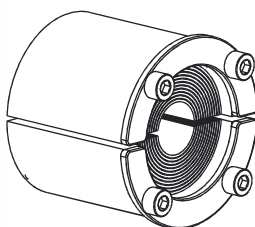
RP68



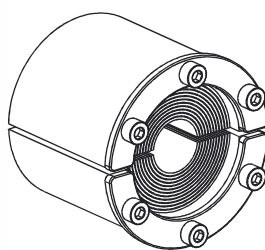
RP75



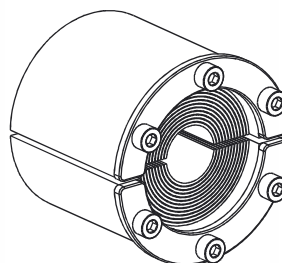
RP100



RP125



RP150

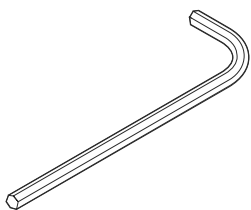


RP200

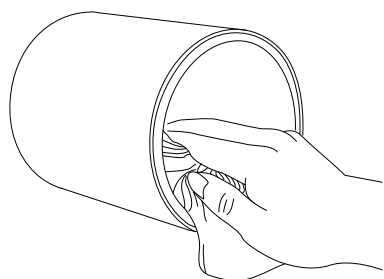
圆形贯穿密封模块

工具

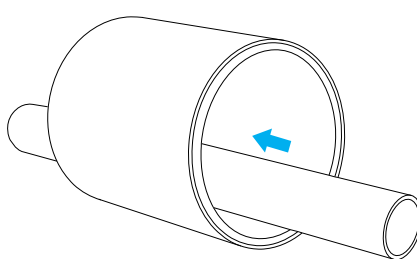
圆形贯穿密封模块



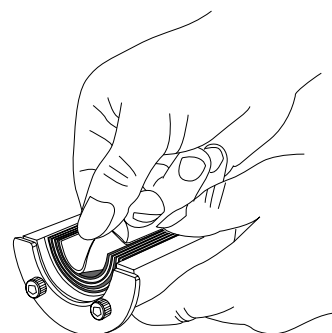
安装步骤



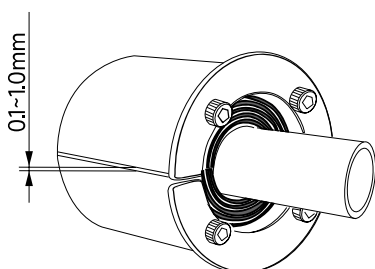
1、清洁管道的表面及圆形框架内壁和电缆表面



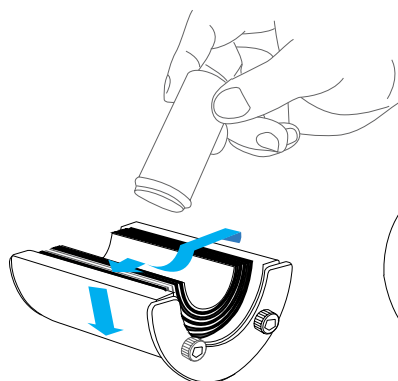
2、将电缆/管穿过管道。



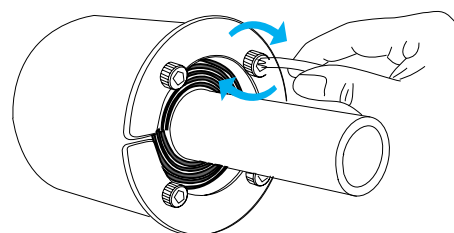
3、按电缆/管道外径剥离模块变径层，使其内径与电缆/管道相适应。



4、圆形单件装置与电缆/管道配合后，其侧隙隙控制在0.1-1.0mm 之间。



5、将润滑脂充分的涂抹在上、下两半部分装置的四周。



6、放入圆形装置的下半部分后，再放入上半部分，对称均匀的旋紧螺丝直至装置密封。

WM 密封模块



WM-06060



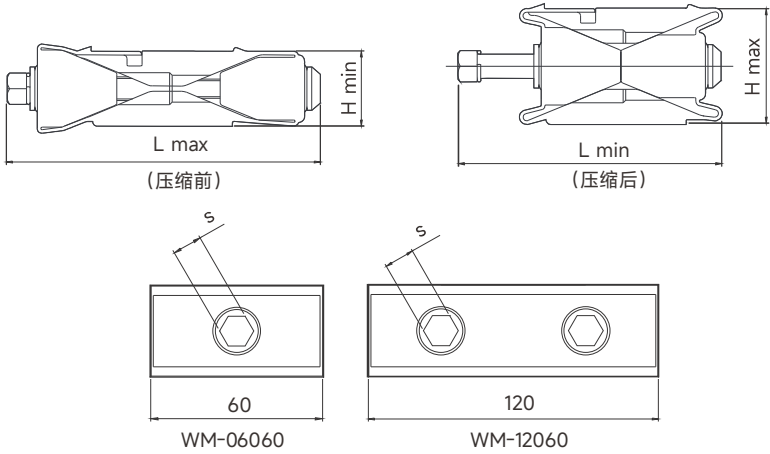
WM-12060

隔层密封系统

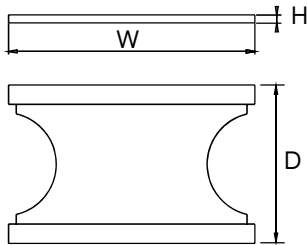
方形压紧块在安装时作为一个整体装入方形框架中，只需调节压紧块的螺栓即可压紧框架内的模块，实现密封的功能。

型号	订货号	L (mm)		H(mm)		W(mm)	板手规格 S
		L max.	L min.	H max.	H min.		
WM-06060	099140606	130	109	48	29	60	SW 13
WM-12060	099141206	130	109	48	29	120	SW 13

尺寸



附件



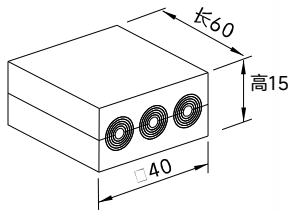
隔层板用于方形模块式电缆 / 管道贯穿密封装置，安装于两层模块或模块与压紧块之间，作用是防止模块滑出，材质有低碳钢、不锈钢等

润滑脂涂抹于模块、压紧块、隔层板和框架内侧，提高密封效果。

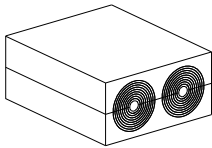
型号	订货号	材质	型号	订货号
FM-P06060A	099100000	304	LH001	099000001
FM-P06060B	099100001	316		
FM-P12060A	099100010	304		
FM-P12060B	099100011	316		

FRM 变径密封模块

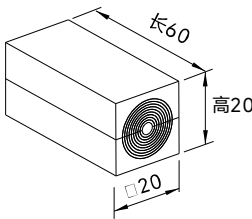
圆形贯穿密封模块



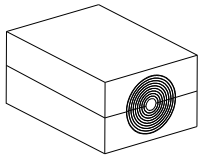
CM 15w40-60



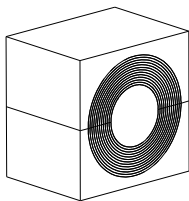
CM 20w40-60



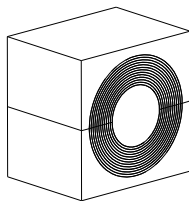
CM 20-60



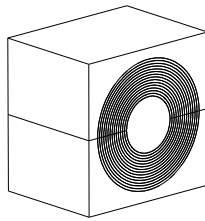
CM 30-60



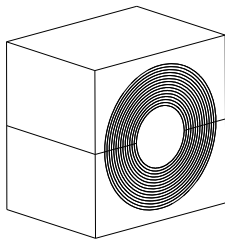
CM 40-60



CM 60-60



CM 90-60

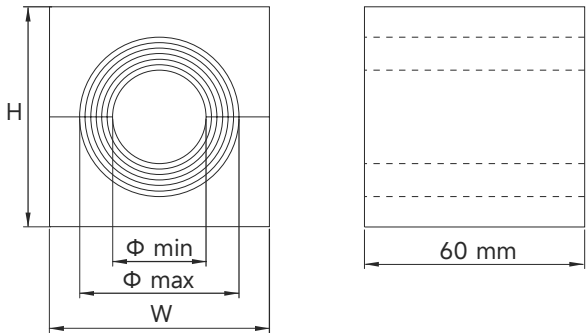


CM 120-60

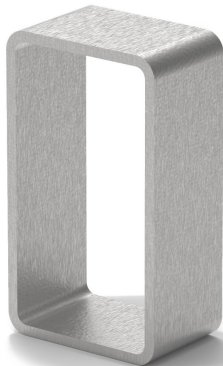
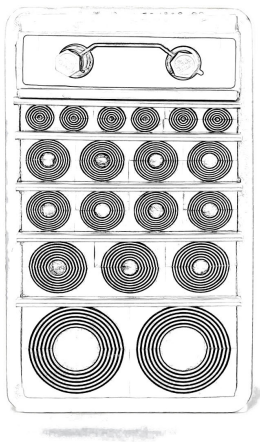
变径模块采用环保型无卤复合橡胶材料,具有多层变径片,孔径可根据电缆 / 管道外径在一定范围内调整。

型号	订货号	外形尺寸(H x W mm)	适用电缆/ 管道外径(mm)
CM 15w40-60	099151540	15 x 40	2.5 - 12
CM 20w40-60	099152040	20 x 40	3 - 15
CM 20-60	099152020	20 x 20	3 - 16
CM 30-60	099153030	30 x 30	10 - 25
CM 40-60	099154040	40 x 40	21.5 - 34
CM 60-60	099156060	60 x 60	28 - 52
CM 90-60	099159090	90 x 90	47 - 74
CM 120-60	099151212	120 x 120	68 - 99

尺寸



Φmin - 电缆/ 管道最小直径
Φmax - 电缆/管道最大直径

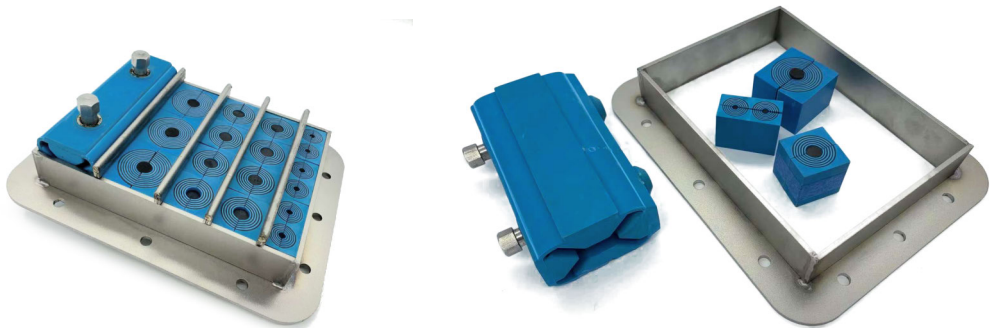


不带边框（默认款）

隔层密封系统的框架、模块构成，圆形密封件的标准深度主要为60 毫米。一般用于墙壁、地板、舱壁和甲板内的电缆、金属和塑料管道的穿隔密封。

型号	订货号 (普通碳钢框架)	订货号 (304框架)	订货号 (316框架)	框架开孔数量	单孔密封尺寸 (mm)	外形尺寸 (mm)
FM 2/1	099110210	099110214	099110216	1	60 x 120	241 x 261
FM 2/2	099110220	099110224	099110226	2	60 x 120	241 x 391
FM 2/3	099110230	099110234	099110236	3	60 x 120	241 x 522
FM 4/1	099110410	099110414	099110416	1	120 x 120	300 x 261
FM 4/2	099110420	099110424	099110426	2	120 x 120	300 x 391
FM 4/3	099110430	099110434	099110436	3	120 x 120	300 x 522
FM 6/1	099110610	099110614	099110616	1	180 x 120	350 x 253
FM 6/2	099110620	099110624	099110626	2	180 x 120	350 x 383
FM 6/3	099110630	099110634	099110636	3	180 x 120	350 x 514
FM 6/4	099110640	099110644	099110646	4	180 x 120	350 x 644
FM 6/5	099110650	099110654	099110656	5	180 x 120	350 x 775
FM 6/6	099110660	099110664	099110666	6	180 x 120	350 x 905
FM 6+6/1	099116610	099116614	099116616	2	180 x 120	578 x 253
FM 6+6/2	099116620	099116624	099116626	4	180 x 120	580 x 383
FM 6+6/3	099116630	099116634	099116636	6	180 x 120	580 x 514
FM 6+6/4	099116640	099116644	099116646	8	180 x 120	580 x 644
FM 6+6/5	099116650	099116654	099116656	10	180 x 120	580 x 775
FM 6+6/6	099116660	099116664	099116666	12	180 x 120	580 x 905
FM 8/1	099110810	099110814	099110816	1	240 x 120	420 x 261
FM 8/2	099110820	099110824	099110826	2	240 x 120	420 x 391
FM 8/3	099110830	099110834	099110836	3	240 x 120	420 x 522

* 框格尺寸请咨询销售人员



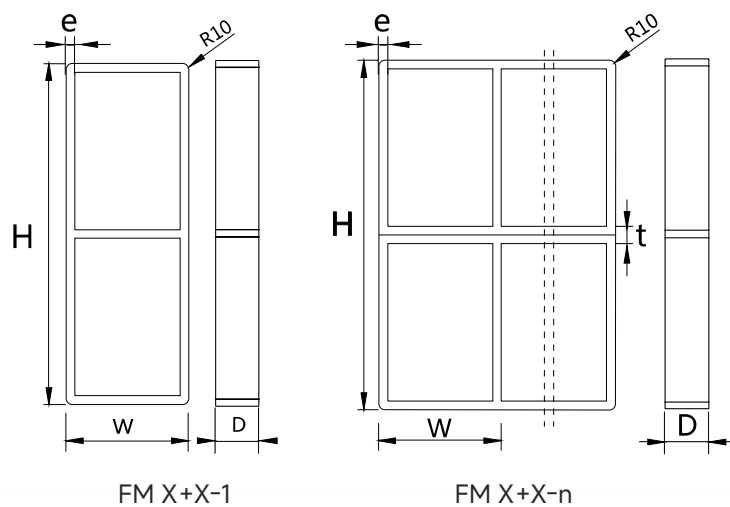
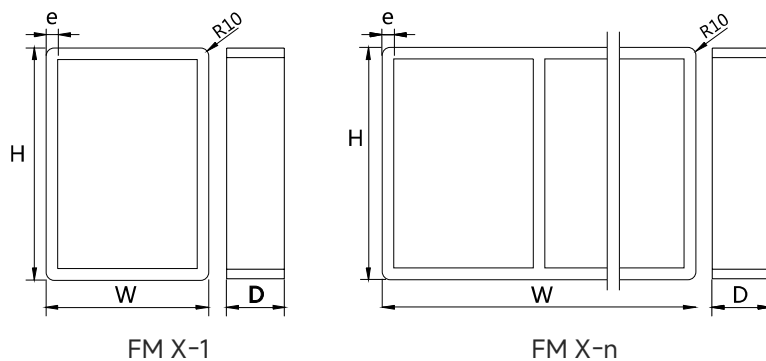
带边框

隔层密封系统的框架、模块构成，圆形密封件的标准深度主要为60 毫米。一般用于墙壁、地板、舱壁和甲板内的电缆、金属和塑料管道的穿隔密封。

型号	订货号 (普通碳钢框架)	订货号 (304框架)	订货号 (316框架)	框架开孔数量	单孔密封尺寸 (mm)	外形尺寸 (mm)
FM/F 2/1	099120210	099120214	099120216	1	60 x 120	241 x 261
FM/F 2/2	099120220	099120224	099120226	2	60 x 120	241 x 391
FM/F 2/3	099120230	099120234	099120236	3	60 x 120	241 x 522
FM/F 4/1	099120410	099120414	099120416	1	120 x 120	300 x 261
FM/F 4/2	099120420	099120424	099120426	2	120 x 120	300 x 391
FM/F 4/3	099120430	099120434	099120436	3	120 x 120	300 x 522
FM/F 6/1	099120610	099120614	099120616	1	180 x 120	350 x 253
FM/F 6/2	099120620	099120624	099120626	2	180 x 120	350 x 383
FM/F 6/3	099120630	099120634	099120636	3	180 x 120	350 x 514
FM/F 6/4	099120640	099120644	099120646	4	180 x 120	350 x 644
FM/F 6/5	099120650	099120654	099120656	5	180 x 120	350 x 775
FM/F 6/6	099120660	099120664	099120666	6	180 x 120	350 x 905
FM/F 6+6/1	099126610	099126614	099126616	2	180 x 120	578 x 253
FM/F 6+6/2	099126620	099126624	099126626	4	180 x 120	580 x 383
FM/F 6+6/3	099126630	099126634	099126636	6	180 x 120	580 x 514
FM/F 6+6/4	099126640	099126644	099126646	8	180 x 120	580 x 644
FM/F 6+6/5	099126650	099126654	099126656	10	180 x 120	580 x 775
FM/F 6+6/6	099126660	099126664	099126666	12	180 x 120	580 x 905
FM/F 8/1	099120810	099120814	099120816	1	240 x 120	420 x 261
FM/F 8/2	099120820	099120824	099120826	2	240 x 120	420 x 391
FM/F 8/3	099120830	099120834	099120836	3	240 x 120	420 x 522

* 框格尺寸请咨询销售人员

不带边框尺寸



X:框架规格

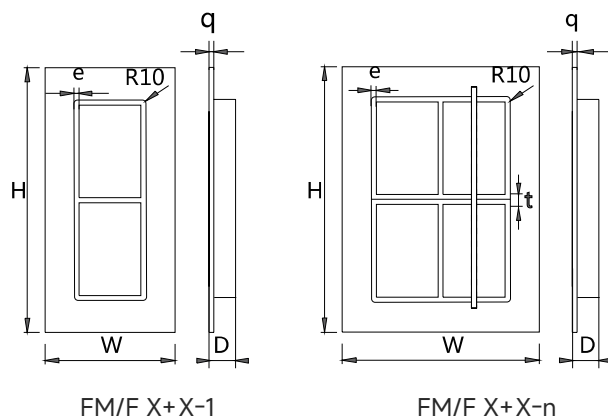
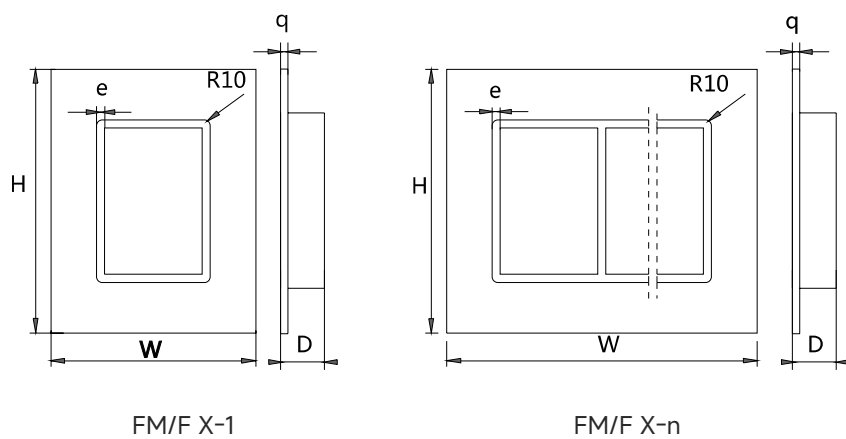
n:水平开孔数

e: 3-10mm(根据需求进行定制)

t: 20mm

D: 60mm

带边框尺寸



X:框架规格

n:水平方向开孔数

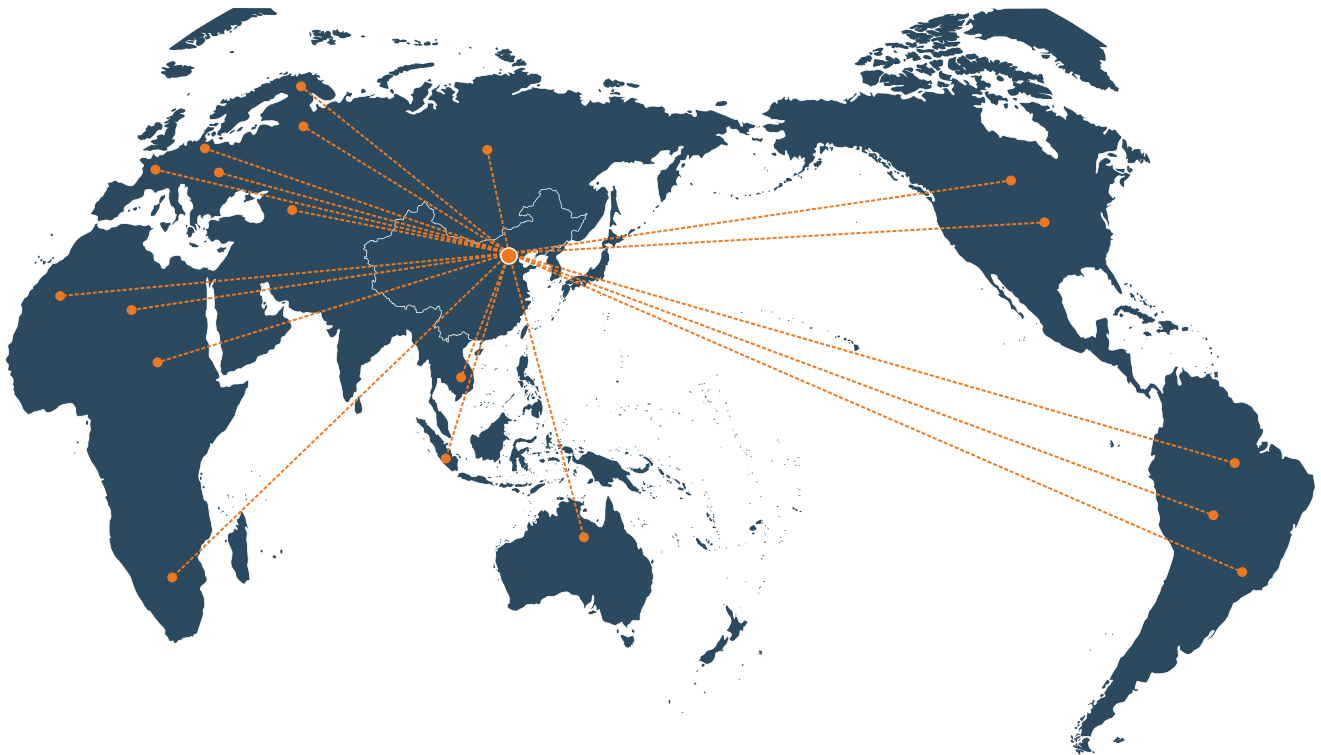
e: 3-10mm(根据需求进行定制)

t: 20mm

q: 3-10mm(根据需求进行定制)

D: 60mm

Service Network



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