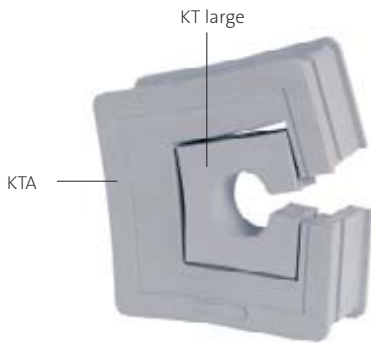


# KTF

## Grommets for KEL-JUMBO



Type	Order No. gray	Clamping range	PU
KTF 00	42371	Blank grommet	1
KTA	42370	Adapter grommet for KT large	1
KTF 34	42376	33 - 36 mm	1
KTF 38	42379	37 - 40 mm	1
KTF 42	42382	41 - 44 mm	1
KTF 46	42385	45 - 48 mm	1
KTF 50	42388	48 - 52 mm	1
KTF 54	42391	53 - 56 mm	1
KTF 58	42394	56 - 60 mm	1
KTF 62	42397	61 - 65 mm	1

### Product Description

The grommets KTF are suitable for cable diameters up to 65 mm.

Suitable for KEL-JUMBO cable entry frames.

Cables with a comparatively smaller diameter can be utilized with KEL-JUMBO frames by using an adapter grommet.

### Specifications

Material	Elastomer
Flame class	UL94-Vo
IP rating	IP54
NEMA type rating	NEMA type 12 (acc. to UL 50E)
Temperature	- 40°C to + 90°C (static) - 40°F to + 194°F (static)
Properties	Halogen-free, silicone-free

### Compatible with

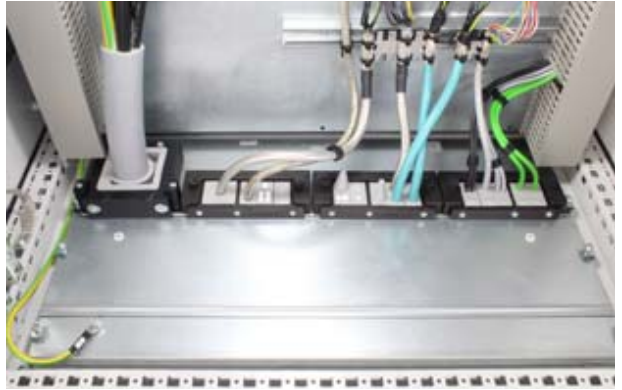
KEL-JUMBO Cable entry frames 34

### Accessories

KT Cable grommets, large 46

# KDR-ESR

## Enclosure Base Plate with Slide Frames



### KDR-ESR Assembly

#### Product Description

The KDR-ESR is a one-piece plate to be assembled on enclosure bases. Slide frames for the KEL cable entry frames are already preassembled.

After installing all cables into the KEL frames, they are easily and quickly inserted into the slide frames and fixed. During maintenance, the KEL frames are removed without tools from the slide frames. Due to the combination KDR-ESR and KEL cable entry frames, a rating of IP54 is achieved (with correct selection of cable grommets). Slide frames which are no longer required, are closed with BPK-SNAP Blank plates.

#### Advantages & Benefits

- Easy assembly and removal
- During assembly, almost the complete base of the enclosure can be used for installation of cables
- Even large connectors can be installed easily
- The base plate KDR-ESR is designed for Rittal enclosures TS8. Other sizes can be supplied on request
- No additional sheet metal work required
- Retrofitting possible without disconnecting cables. Everything can be built around the cables

#### Specifications

Material	<b>Base plate: Carbon steel, zinc-plated</b> <b>KDR-ESR Frame: Polyamide (PA)</b>
Flame class	<b>UL94-Vo, self-extinguishing</b>
IP rating	<b>IP54, with gasket and correct selection of the cable grommets</b>
Temperature Properties	<b>- 40°C to + 90°C (static)</b> <b>Halogen free, silicone free</b>

#### Compatible with

KEL(-U) 16 / 24 Cable entry frames	8 - 19
KEL-JUMBO Cable entry frames	34
BPK-SNAP 16 / 24 Blank plates	160



1  
The base plate is fixed in the enclosure base. The KEL cable entry frames are fitted.



2  
The KEL cable entry frames are screwed together after fitting.



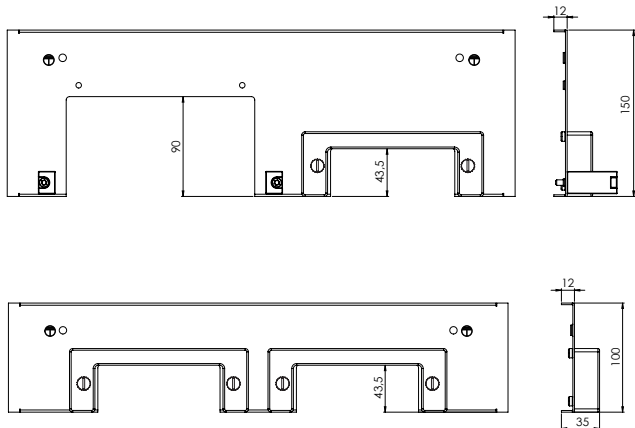
3  
Afterwards the KEL frames are pushed into the Slide frames and fixed with the knurled screws.



4  
Finally, the middle base plate which is part of the standard enclosure, moves together with the KDR-ESR plates.

# KDR-ESR

## Enclosure Base Plate with Slide Frames



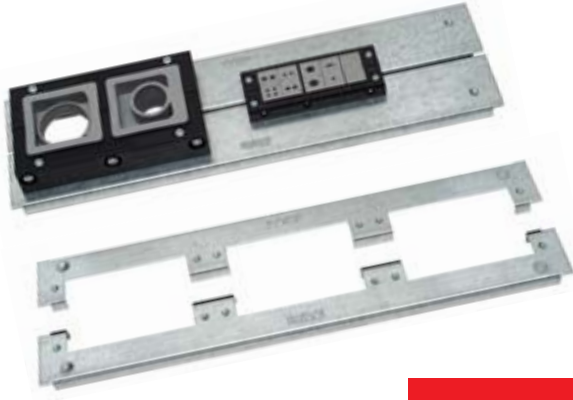
Sealing tape  
Order No. 42999 (PU: 1 m)

Enclosure type	Enclosure width	Total length base plate	Sight size of base plate opening	No. of possible cable entries				Order No.
				JUMBO 1	JUMBO 2	KEL(-U) 16 ...	KEL(-U) 24 ...	
TS8	600 mm	458 mm	435 mm	-	-	-	2	43079
	600 mm	458 mm	435 mm	-	1	-	1	43070
	600 mm	458 mm	435 mm	1	-	2	-	43071
TS8	800 mm	658 mm	635 mm	-	-	1	3	43080
	800 mm	658 mm	635 mm	1	-	-	3	43072
	800 mm	658 mm	635 mm	-	1	-	2	43073
TS8	1000 mm without division bar	858 mm	835 mm	-	-	-	5	43081
	1000 mm without division bar	858 mm	835 mm	1	-	-	4	43074
	1000 mm without division bar	858 mm	835 mm	-	1	-	3	43075
TS8	1000 mm* with division bar	420 mm	398 mm	-	-	-	2	43082
	1000 mm* with division bar	420 mm	398 mm	1	-	-	1	43076
	1000 mm* with division bar	420 mm	398 mm	-	1	-	1	43077
TS8	1200 mm*	518 mm	495 mm	-	-	-	3	43083
	1200 mm*	518 mm	495 mm	1	-	-	2	43078
	1200 mm*	518 mm	495 mm	-	1	-	1	43084

\* in case both fields of the enclosure are equipped, 2 complete base plates are necessary.

## KDR 2

### Split Enclosure Base Plates



## KDR 2 Assembly

### Product Description

Split, 2-part base plates KDR 2 with pre-cut holes for KEL and KEL-JUMBO cable entry systems.

Integrated screw holes provide quick and easy installation of KEL frames.

### Advantages & Benefits

- During assembly, almost the complete base of the enclosure can be used for installation of cables
- Even large connectors can be installed easily
- The base plate KDR 2 is designed for Rittal enclosures TS8. Other sizes can be supplied on request
- Retrofitting is possible without disconnecting of cables. All can be installed around the cables.
- No additional sheet metal work required
- Cut-outs, which are no longer required, are covered with metal blank plates Type BPM



When the cable entry frames are assembled, the KDR base plates move together for a tight, secure hold of the cable entry systems.



The frame parts with grommets have to be built up before final assembly, i.e. before screwing the system together.

Screwing of the cable entry frames tightens both parts of the split base plate.

### Specifications

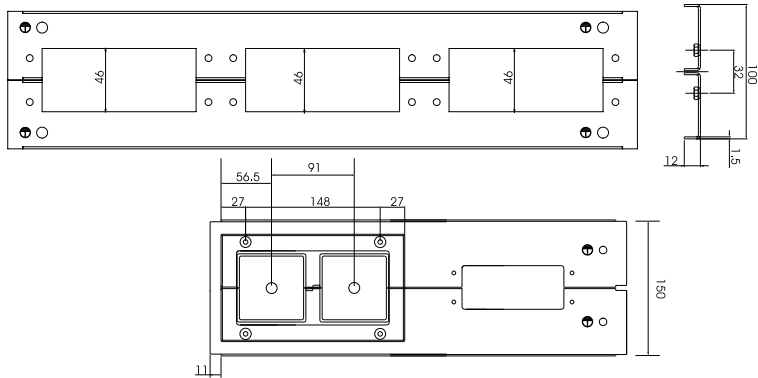
Material **Carbon steel, zinc-plated**

### Compatible with

KEL 24 Cable entry frames	18
KEL-JUMBO Cable entry frames	34
BPM Blank plates metal	159

## KDR 2

### Split Enclosure Base Plates



Sealing tape  
Order No. 42999 (PU: 1 m)

Enclosure type	Enclosure width	Total length base plate	Sight size of base plate opening	No. of possible cable entries			Order No.
				JUMBO 1	JUMBO 2	KEL 24 ...	
TS 8	600 mm	458 mm	435 mm	-	-	3	42924
				1	-	2	42953
				-	1	1	42941
TS 8	800 mm	658 mm	635 mm	-	-	4	42922
				1	-	3	42954
				-	1	2	42945
TS 8	1000 mm without division bar	858 mm	835 mm	-	-	5	42923
				1	-	4	42955
				-	1	3	42952
TS 8	1000 mm* with division bar	420 mm	398 mm	-	-	2	42958
				1	-	1	42957
				-	1	1	42959
TS 8	1200 mm*	518 mm	495 mm	-	-	3	42920
				1	-	2	42956
				-	1	1	42943

\* in case both fields of the control panel are equipped, 2 complete split base plates are necessary.

# MP

## Module Plates



### MP Applications

#### Product Description

The module plates have cut-outs for fixing the KEL range cable entry systems KEL 24, KEL-U 24, KEL-JUMBO, KEL-DPF, KEL-JUMBO flex and KEL-ULTRA flex.

The module plates can be fixed on:

- Separation walls by Rittal
- closed enclosure bases and roofs (various manufacturers)
- Bases of Lohmeier enclosures
- Bases of Rittal enclosures via KDR-BMP base plates

The module blank plate without cut-outs (Order No. 43882) is designed for closing unused cut-outs. This module plate can even be used for self-made cut-outs.

Module plates are supplied with a gasket.



Cable routing via module plates in the base of a Rittal TS 8 enclosure. Mounting with icotek base plate KDR BMP.



Cable routing through the divider panel of a Rittal TS8 baying enclosure system via module plates.



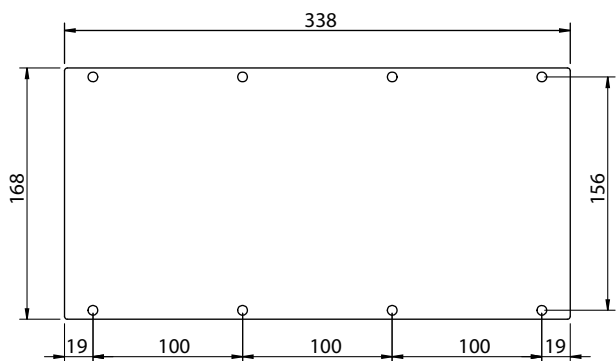
Routing of several cables with and without connectors through a closed enclosure roof via module plates. Cut-out size 314 x 144 mm.



Routing of a rigid supply line through a closed enclosure roof via module plates. Cut-out size 314 x 144 mm.

# MP

## Module Plates



Description	Type	Order No.	Compatible with
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	MP 0	43882	Module plate, blank
	MP 1	43891	3x KEL(-U) 24 x
	MP 2	43890	4x KEL(-U) 24 x
	MP 3	43886	1x KEL-JUMBO 1 1x KEL-JUMBO 2
	MP 4	43888	2x KEL-JUMBO 1
	MP 5	43887	2x KEL(-U) 24 x 1x KEL-JUMBO 1
	MP 6	43883	5x cut-out M50 for KEL-DPF or KEL-DPZ
	MP 7	43889	Cut-out 3x KEL-JUMBO flex
	MP 8	43894	Cut-out 2x KEL-ULTRA flex

### Specifications

Material Carbon steel, zinc-plated  
Aluminum (Order No. 43883)  
Dimension 338 x 168 x 2 mm

### Compatible with

KEL 24 Cable entry frames 18  
KEL-U 24 Cable entry frames 8  
KEL-SNAP snap frames 36 - 37  
KEL-JUMBO Cable entry frames 34  
KEL-DPF Cable entry grommets 77  
KEL-JUMBO flex Cable entry ins. 78  
KEL-ULTRA flex Cable entry ins. 79  
Blank plates 158 - 160