

# KEL 183 split cable entry frames

for cables with diameters of up to 75 mm / IP54 / UL Type 12



The split cable entry frame KEL 183 enables the user to route cables and tubes with a diameter of up to 75 mm (depending on the frame type) and to seal them in accordance with IP54 / up to UL Type 12.

For cables up to 35 mm the cable grommets KT can be used. With these split cable grommets, pre-terminated cables can be routed. For cables up to 75 mm we have created the grommets KTMB for KEL 183. Those are not split and have a defined area for pushing the cable through.

The KEL 183-E is the compact version of the cable entry frame KEL 183. It is available in 2 versions.

The KEL 183-E4 with its 4 large KT grommets is particularly suitable for routing supply lines and hoses with diameters up to 35 mm. Using KT-DPF grommets enables flexible routing of rigid cables.

The KEL 183-E16 with its 16 small KT grommets offers a large packing density for cables up to 17 mm in diameter, with or without preassembled connectors. Especially suitable for large sized connectors.

The grommets are securely fixed inside the frame and can't fall out. Once the lid is affixed to the base frame, it is compressed and tightly sealed.

A flat rubber gasket is included in the shipment.

IP54

UL TYPE 12

UL US

RINA

HL3  
EN 45545-2

EN 61373

ECOLAB  
certified

ISO 4892-2A

PNEUMATICS

RoHS  
compliant

REACH  
COMPLIANCE

Made in  
Germany

## Specifications

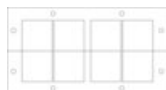
IP rating (EN 60529)	IP54
UL Type (UL 50E)	UL Type 12
Material	Polyamide
Flame class	UL94-V0, self-extinguishing
Operating temperature	-40 C° to 140 C°
Properties	silicone free, halogen free, anti-corrosive (V2A versions), vibration proof, UV-resistant
Mounting options	Screw type mounting
Mounting height	17 mm

## Advantages & Benefits

- Installation of cables up to 75 mm in diameter
- It is possible to install rigid cables at angles
- Retrofits, repairs and maintenance can be done much more easily and quickly
- Greatly increased cable density when using double or quadruple grommets

## Product types & Sizes

<div>KEL 183 8</div>	Part No.	47240	Height	17 mm
	EAN	4251269311871	Mounting height	17 mm
	PU	1	No. of screw holes	8
	For max. no. of cables	8	Diam. of screw holes	6 mm
	Max. cable diameter	35 mm	Screw material	Stahl, galvanisch verzinkt
	Length	222 mm	Suitable for grommets	8 x KT large
	Width	120 mm		

**KEL 183|8 V2A**

Part No.	<b>47240.200</b>	Height	<b>17 mm</b>
EAN	<b>4251269311888</b>	Mounting height	<b>17 mm</b>
PU	<b>1</b>	No. of screw holes	<b>8</b>
For max. no. of cables	<b>8</b>	Diam. of screw holes	<b>6 mm</b>
Max. cable diameter	<b>35 mm</b>	Screw material	<b>Edelstahl V2A</b>
Length	<b>222 mm</b>	Suitable for grommets	<b>8 x KT large</b>
Width	<b>120 mm</b>		

**KEL 183|5**

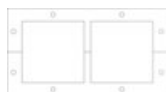
Part No.	<b>47220</b>	Height	<b>17 mm</b>
EAN	<b>4251269311857</b>	Mounting height	<b>17 mm</b>
PU	<b>1</b>	No. of screw holes	<b>8</b>
For max. no. of cables	<b>5</b>	Diam. of screw holes	<b>6 mm</b>
Max. cable diameter	<b>75 mm</b>	Screw material	<b>Stahl, galvanisch verzinkt</b>
Length	<b>222 mm</b>	Suitable for grommets	<b>1 x KTMB 183</b>
Width	<b>120 mm</b>		<b>4 x KT large</b>

**KEL 183|5 V2A**

Part No.	<b>47220.200</b>	Height	<b>17 mm</b>
EAN	<b>4251269311864</b>	Mounting height	<b>17 mm</b>
PU	<b>1</b>	No. of screw holes	<b>8</b>
For max. no. of cables	<b>5</b>	Diam. of screw holes	<b>6 mm</b>
Max. cable diameter	<b>75 mm</b>	Screw material	<b>Edelstahl V2A</b>
Length	<b>222 mm</b>	Suitable for grommets	<b>1 x KTMB 183</b>
Width	<b>120 mm</b>		<b>4 x KT large</b>

**KEL 183|2**

Part No.	<b>47200</b>	Height	<b>17 mm</b>
EAN	<b>4251269311833</b>	Mounting height	<b>17 mm</b>
PU	<b>1</b>	No. of screw holes	<b>8</b>
For max. no. of cables	<b>2</b>	Diam. of screw holes	<b>6 mm</b>
Max. cable diameter	<b>75 mm</b>	Screw material	<b>Stahl, galvanisch verzinkt</b>
Length	<b>222 mm</b>	Suitable for grommets	<b>2 x KTMB 183</b>
Width	<b>120 mm</b>		

**KEL 183|2 V2A**

Part No.	<b>47200.200</b>	Height	<b>17 mm</b>
EAN	<b>4251269311840</b>	Mounting height	<b>17 mm</b>
PU	<b>1</b>	No. of screw holes	<b>8</b>
For max. no. of cables	<b>2</b>	Diam. of screw holes	<b>6 mm</b>
Max. cable diameter	<b>75 mm</b>	Screw material	<b>Edelstahl V2A</b>
Length	<b>222 mm</b>	Suitable for grommets	<b>2 x KTMB 183</b>
Width	<b>120 mm</b>		

**KEL 183-E16**

Part No.	<b>47255</b>	Height	<b>17 mm</b>
EAN	<b>4251269311918</b>	Mounting height	<b>17 mm</b>
PU	<b>1</b>	No. of screw holes	<b>6</b>
For max. no. of cables	<b>64</b>	Diam. of screw holes	<b>6 mm</b>
Max. cable diameter	<b>17 mm</b>	Screw material	<b>Stahl, galvanisch verzinkt</b>
Length	<b>222 mm</b>	Suitable for grommets	<b>16 x KT small</b>
Width	<b>79 mm</b>		

KEL 183-E16 V2A



Part No.	47255.200	Height	17 mm
EAN	4251269311925	Mounting height	17 mm
PU	1	No. of screw holes	6
For max. no. of cables	64	Diam. of screw holes	6 mm
Max. cable diameter	17 mm	Screw material	Edelstahl V2A
Length	222 mm	Suitable for grommets	16 x KT small
Width	79 mm		

KEL 183-E4



Part No.	47250	Height	17 mm
EAN	4251269311895	Mounting height	17 mm
PU	1	No. of screw holes	6
For max. no. of cables	4	Diam. of screw holes	6 mm
Max. cable diameter	35 mm	Screw material	Stahl, galvanisch verzinkt
Length	222 mm	Suitable for grommets	4 x KT large
Width	79 mm		

KEL 183-E4 V2A



Part No.	47250.200	Height	17 mm
EAN	4251269311901	Mounting height	17 mm
PU	1	No. of screw holes	6
For max. no. of cables	4	Diam. of screw holes	6 mm
Max. cable diameter	35 mm	Screw material	Edelstahl V2A
Length	222 mm	Suitable for grommets	4 x KT large
Width	79 mm		

APEX

MACHINE