

# KEL-ER 24

## Cable entry frames



V2A anti-corrosive  
KEL-ER also available with V2A screws.



KEL-ER on request also available with threaded bushings.



Split inserts



Type	Order No.	Inserts KT small   large	PU	Description
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KEL-ER 24 10	48241	10 -	10	
KEL-ER 24 10 with V2A screws	48241.200	10 -	10	
KEL-ER 24 7	48247	6 1	10	
KEL-ER 24 7 with V2A screws	48247.200	6 1	10	
KEL-ER 24 4	48244	2 2	10	
KEL-ER 24 4 with V2A screws	48244.200	2 2	10	

### Product description

Split cable entry system for routing and sealing pre-terminated cables, providing a protection class of IP65 and strain relief for cable diameters from 2 to 16 mm (KT 2 - 15) and 16 to 34 mm (KT 16 - 34).

The new cable entry system is easy to install. Cable inserts are placed into compartments and are securely fixed to the frame during assembly. The KEL-ER 24 frame matches exactly the cut-out dimensions for 24-pole standard industrial connectors.

### Advantages

- Warranty on pre-terminated cables remains
- Retrofitting and maintenance can be carried out easily and quickly
- High packing density, wide variety of frames and inserts
- Strain relief according to EN 50262
- Vibration proof

### Specification

Material	Polyamide (PA)
Flame class	UL94-Vo, self-extinguishing
Protection class	IP65, with gasket and correct selection of single cable inserts (certified according to DIN EN 60529:2000-09)
Temperature	- 40°C to + 140°C (static)
Properties	Halogen free, silicone free
Cut-out dimensions	36 x 112 mm / page 158 - 159
Height KEL	17 mm

### Accessories

KT Cable inserts	Page 30 - 34
KEL-SNAP Mounting frames	Page 22 - 23
KEL-EMC Cable collectors	Page 108 - 109
KDR Base plates	Page 126 - 131
FP Flanged plates	Page 132 - 137
MP Module plates	Page 138

# KEL-ER 16

## Cable entry frames



KEL-ER also available with V2A screws.



KEL-ER on request also available with threaded bushings.



Type	Order No.	Inserts KT small   large	PU	Description
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KEL-ER 16 8	48168	8 -	10	
KEL-ER 16 8 with V2A screws	48168.200	8 -	10	
KEL-ER 16 5	48165	4 1	10	
KEL-ER 16 5 with V2A screws	48165.200	4 1	10	
KEL-ER 16 2	48162	- 2	10	
KEL-ER 16 2 with V2A screws	48162.200	- 2	10	

### Product description

Split cable entry system for routing and sealing pre-terminated cables, providing a protection class of IP65 and strain relief for cable diameters from 2 to 16 mm (KT 2 - 15) and 16 to 34 mm (KT 16 - 34).

The new cable entry system is easy to install. Cable inserts are placed into compartments and are securely fixed to the frame during assembly. The KEL-ER 16 frame matches exactly the cut-out dimensions for 16-pole standard industrial connectors.

### Advantages

- Warranty on pre-terminated cables remains
- Retrofitting and maintenance can be carried out easily and quickly
- High packing density, wide variety of frames and inserts
- Strain relief according to EN 50262
- Vibration proof

### Specification

Material	Polyamide (PA)
Flame class	UL94-Vo, self-extinguishing
Protection class	IP65, with gasket and correct selection of single cable inserts (certified according to DIN EN 60529:2000-09)
Temperature	- 40°C to + 140°C (static)
Properties	Halogen free, silicone free
Cut-out dimensions	36 × 86 mm / Page 158 - 159
Height KEL	17 mm

### Accessories

KT Cable inserts	Page 30 - 34
KEL-SNAP Mounting frames	Page 22 - 23
KEL-EMC Cable collectors	Page 108 - 110
KDR Base plates	Page 126 - 131
FP Flanged plates	Page 132 - 137

# KEL-ER 10

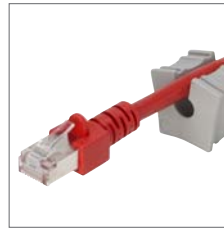
## Cable entry frames



V2A anti-corrosive  
KEL-ER also available with V2A screws.



KEL-ER on request also available with threaded bushings.



Split inserts



Type	Order No.	Inserts KT small   large	PU	Description
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KEL-ER 10 6	48216	6 -	10	
KEL-ER 10 6 with V2A screws	48216.200	6 -	10	
KEL-ER 10 3	48212	2 1	10	
KEL-ER 10 3 with V2A screws	48212.200	2 1	10	

### Product description

Split cable entry system for routing and sealing pre-terminated cables, providing a protection class of IP65 and strain relief for cable diameters from 2 to 16 mm (KT 2 - 15) and 16 to 34 mm (KT 16 - 34).

The new cable entry system is easy to install. Cable inserts are placed into compartments and are securely fixed to the frame during assembly. The KEL-ER 10 frame matches exactly the cut-out dimensions for 10-pole standard industrial connectors.

### Advantages

- Warranty on pre-terminated cables remains
- Retrofitting and maintenance can be carried out easily and quickly
- High packing density, wide variety of frames and inserts
- Strain relief according to EN 50262
- Vibration proof

### Specification

Material	Polyamide (PA)
Flame class	UL94-Vo, self-extinguishing
Protection class	IP65, with gasket and correct selection of single cable inserts (certified according to DIN EN 60529:2000-09)
Temperature	- 40°C to + 140°C (static)
Properties	Halogen free, silicone free
Cut-out dimensions	36 × 65 mm / Page 158 - 159
Height KEL	17 mm

### Accessories

KT Cable inserts	Page 30 - 34
KEL-SNAP Mounting frames	Page 22 - 23
KEL-EMC Cable collectors	Page 108 - 110

# KEL-ER-B

## Cable entry frames



KEL-ER also available with V2A screws.



KEL-ER on request also available with threaded bushings.



Type	Order No.	Inserts KT small   large	PU	Description
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KEL-ER-B4	48204	4 -	10	
KEL-ER-B4 with V2A screws	48204.200	4 -	10	
KEL-ER-B1	48206	- 1	10	
KEL-ER-B1 with V2A screws	48206.200	- 1	10	

### Product description

Split cable entry system for routing and sealing pre-terminated cables, providing a protection class of IP65 and strain relief for cable diameters from 2 to 16 mm (KT 2 - 15) and 16 to 34 mm (KT 16 - 34).

The new cable entry system is easy to install. Cable inserts are placed into compartments and are securely fixed to the frame during assembly. The KEL-ER-B frame matches exactly the cut-out dimensions of 46 × 46 mm measuring instruments.

### Advantages

- Warranty on pre-terminated cables remains
- Retrofitting and maintenance can be carried out easily and quickly
- Small cut-out, high packing density
- Strain relief according to EN 50262
- Vibration proof

### Specification

Material	Polyamide (PA)
Flame class	UL94-Vo, self-extinguishing
Protection class	IP65, with gasket and correct selection of single cable inserts (certified according to DIN EN 60529:2000-09)
Temperature	- 40°C to + 140°C (static)
Properties	Halogen free, silicone free
Cut-out dimensions	46 × 46 mm / Page 158 - 159
Height KEL	17 mm

### Accessories

KT Cable inserts	Page 30 - 34
KEL-SNAP Mounting frames	Page 22 - 23
KEL-EMC Cable collectors	Page 108 - 110
FP Flanged plates	Page 132 - 137

# KEL-ER-E

## Cable entry frames



V2A anti-corrosive  
KEL-ER also available with V2A screws.



KEL-ER on request also available with threaded bushings.



Type	Order No.	Cut-out [mm]	Inserts KT small   large	PU	Description
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KEL-ER-E2	48249	43 × 24	2 -	10	
KEL-ER-E2 with V2A screws	48249.200	43 × 24	2 -	10	
KEL-ER-E3	48258	65 × 24	3 -	10	
KEL-ER-E3 with V2A screws	48258.200	65 × 24	3 -	10	
KEL-ER-E4	48259	86 × 24	4 -	10	
KEL-ER-E4 with V2A screws	48259.200	86 × 24	4 -	10	
KEL-ER-E5	48250	112 × 24	5 -	10	
KEL-ER-E5 with V2A screws	48250.200	112 × 24	5 -	10	

### Product description

Split cable entry system for routing and sealing pre-terminated cables, providing a protection class of IP65 and strain relief for cable diameters from 2 to 16 mm (KT 2 - 15). It is particularly suited for flat connectors. The small frame is ideal for applications with limited space.

The new cable entry system is easy to install. Cable inserts are placed into compartments and are securely fixed to the frame during assembly.

### Advantages

- Warranty on pre-terminated cables remains
- Retrofitting and maintenance can be carried out easily and quickly
- Strain relief according to EN 50262
- Space saving shape
- Optimal for D-Sub connectors
- Vibration proof

### Specification

Material	Polyamide (PA)
Flame class	UL94-Vo, self-extinguishing
Protection class	IP65, with gasket and correct selection of single cable inserts (certified according to DIN EN 60529:2000-09)
Temperature Properties	- 40°C to + 140°C (static)
Height KEL	Halogen free, silicone free 17 mm

### Accessories

KT Cable inserts	Page 30 - 34
KEL-EMC Cable collectors	Page 108 - 110