



Energy saving, environmental protection, and efficient product performance
meet the requirements of temperature control systems

IP65

UL94 V-0

LKP/N 24/11



LKP/N 24/12



LKP/N 24/13



LKP/N 24/14



LKP/N 24/17



LKP/N 24/17-1



LKP/N 24/22



LKP/N 24/22-1



LKP/N 24/23



LKP/N 24/29



LKP/N 24/29-1



LKP/N 24/80



PARAMETERS

IP65



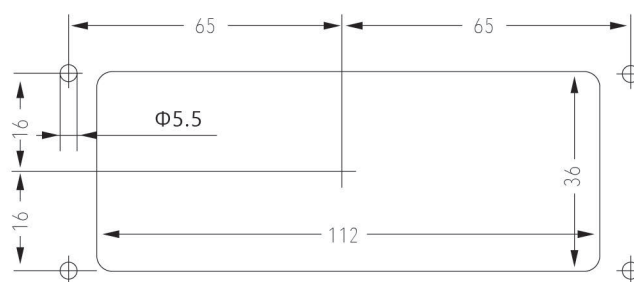
Material: Improved polyamides
Temperature range: -30°C~+70°C
Protection grade: IP65
Flame retardancy: UL94 V-0
External dimensions: L=147mm×B=59×15mm
 The tensile properties are consistent DIN/EN 50262/98 weak acids and bases.

Color: Black
The size of the hole: 36×112mm
Thickness of protection: 14mm
Harmful ingredients: Halogen-free

PECULIARITY

- Save space
- Built-in sealing structure
- Single entry mode
- The possibility of cable and cable marking

DIMENSION (mm)



Model No.	The corresponding cable diameter(mm)									Holes
	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	
LKP/N 24/11	--	--	4	--	4	--	--	--	3	11
LKP/N 24/12	--	--	--	--	--	12	--	--	--	12
LKP/N 24/13	--	--	2	6	--	--	4	--	1	13
LKP/N 24/14	--	--	6	--	4	--	--	4	--	14
LKP/N 24/17	--	--	--	--	17	--	--	--	--	17
LKP/N 24/17-1	--	--	11	1	--	5	--	--	--	17
LKP/N 24/22	--	--	15	--	6	--	--	--	1	22
LKP/N 24/22-1	--	--	16	--	4	2	--	--	--	22
LKP/N 24/23	--	--	--	23	--	--	--	--	--	23
LKP/N 24/29	--	--	29	--	--	--	--	--	--	29
LKP/N 24/29-1	--	--	26	--	3	--	--	--	--	29
LKP/N 24/80	78	2	--	--	--	--	--	--	--	80

LK series


LK stress-relieving plates can be used to reduce the stress on cables, ropes or wires, making them reasonably arranged, simplifying and reducing costs.

Material: Polyamides

Temperature range: -4°C~+125°C can be up to +140°C in a short time.

Flame retardancy: UL94 V-0



Model No.	Color	No. of Teeth	Model No.	Color	No. of Teeth
LK04	black	12	LK87/50	black	6
LK05	black	15	LK103	black	7
LK39	black	3	LK121	black	8
LK60	black	4	LK140	black	9
LK70	black	5	LK180/6	black	12
LK80	black	6	LK180/8	black	12
LK87/68	black	6			

LK-KAF series

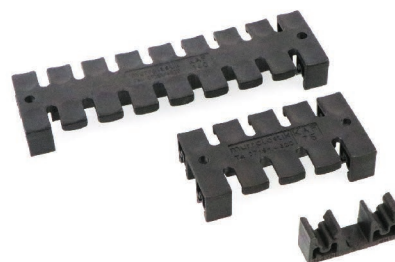

LK stress-relieving plates can be used to reduce the stress on cables, ropes or wires, making them reasonably arranged, simplifying and reducing costs.

Applicable: 35mm HAT rail (EN 50022; Niedax 2934; 2936) or track C (Niedax2970); 2971).

Material: Polyamides

Temperature range: -40°C~+125°C can be up to +140°C in a short time.

Flame retardancy: UL94 V-0



Model No.	Color	No. of Teeth
LK-KAF11	Black	1
LK-KAF75	Black	5
LK-KAF140	Black	9



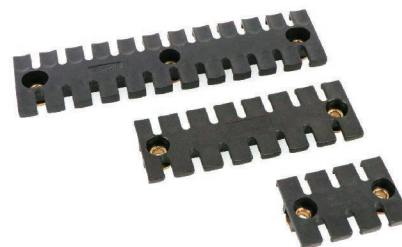
LK-MH series

MH is to add metal gaskets to standard LK products to enhance the fixed strength.

Material: Polyamides

Temperature range: -40°C~+125°C can be up to +140°C in a short time.

Flame retardancy: UL94 V-0



Model No.	Color	No. of Teeth	Model No.	Color	No. of Teeth
LK-MH39	black	3	LK-MH39/6	black	3
LK-MH60	black	4	LK-MH60/6	black	4
LK-MH87	black	6	LK-MH70/6	black	5
LK-MH103	black	7	LK-MH87/6	black	6
LK-MH121	black	8	LK-MH103/6	black	7
LK-MH140	black	9	LK-MH121/6	black	8
LK-MH180	black	12	LK-MH140/6	black	9
			LK-MH180/6	black	12

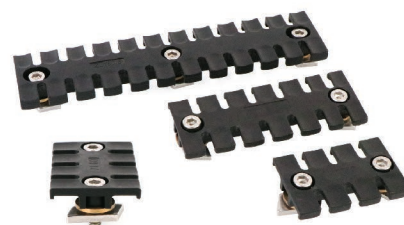
LK-SW series

SW is a metal fixing device which can be directly fixed on the C track on the standard LK products and is specially used in the locomotive industry.

Material: Polyamides

Temperature range: -40°C~+125°C can be up to +140°C in a short time.

Flame retardancy: UL94 V-0

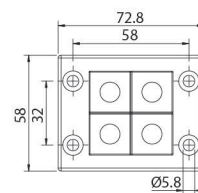
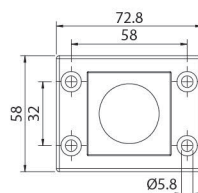


Model No.	Color	No. of Teeth
LK-SW39	black	3
LK-SW60	black	4
LK-SW87	black	6
LK-SW103	black	7
LK-SW121	black	8
LK-SW140	black	9
LK-SW180/6	black	12



FRAME HEIGHT: 17MM

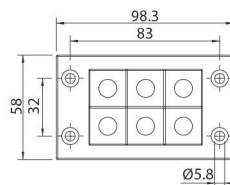
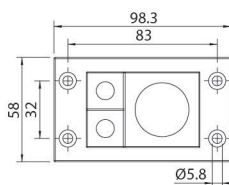
CES 6 Standard cable entry frame



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 46x46mm

Type	Inserts Small/large	Order No.	PU
CES6/1	Insert Medium	600101	5
CES6/4	Insert Small	600102	5

CES 10 Standard cable entry frame



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 36x65mm

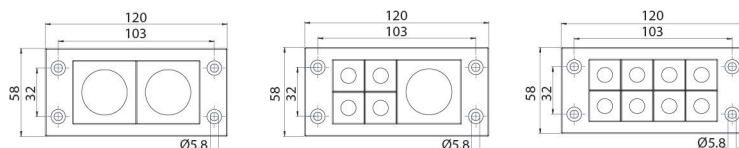
Type	Inserts Small/large	Order No.	PU
CES10/3	Insert Medium/Insert small	600103	5
CES10/6	Insert Small	600104	5





Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 36x86mm

CES 16 Standard cable entry frame

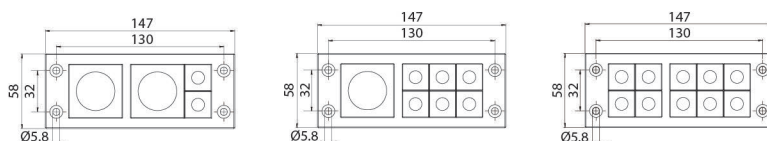


Type	Inserts Small/large	Order No.	PU
CES 16/2	Insert Medium	600105	5
CES 16/5	Insert Medium/Insert Small	600106	5
CES 16/8	Insert Small	600107	5



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 36x112mm

CES 24 Standard cable entry frame



Type	Inserts Small/large	Order No.	PU
CES 24/4	Insert Medium/Insert Small	600108	5
CES 24/7	Insert Medium/Insert Small	600109	5
CES 24/10	Insert Small	600110	5



Protection level: IP54/IP65(with gasket and correct selection of the cable inserts)

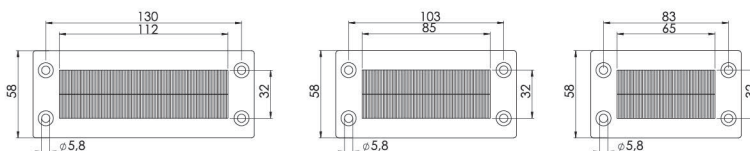
CES standard snap frame



Used to assemble CES6,10,16,24 series frame, connected with cabinet with screw bolts

Type	Order No.	PU
CES SNAP6	600111	5
CES SNAP10	600112	5
CES SNAP16	600113	5
CES SNAP24	600114	5

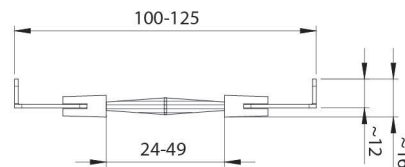
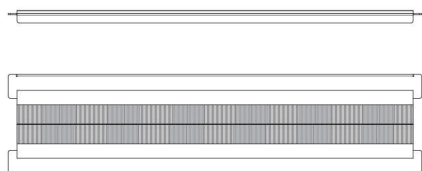
Standard cable entry frame with brush



Type	Cut-out dimensions	Order No.	PU
CES BES/24	36x112mm	600431	5
CES BES/16	36x86mm	600432	5
CES BES/10	36x65mm	600433	5

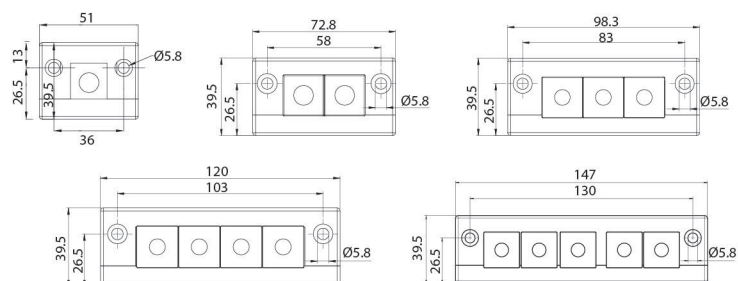
Frame: Polyamide (nylon)
Brush: Polyamide (nylon)
Temperature: -20°C~90°C Halogen free, silicon free
Height: 10mm

Brush



Type	Control cabinet length	Brush Length	Drilling Length	Order No.	PU
CES-BES-TS8-600	600	458mm	436mm	600434	5
CES-BES-TS8-800	800	658mm	636mm	600435	5
CES-BES-TS8-1000	1000	858mm	836mm	600436	5

Single row cable entry frame



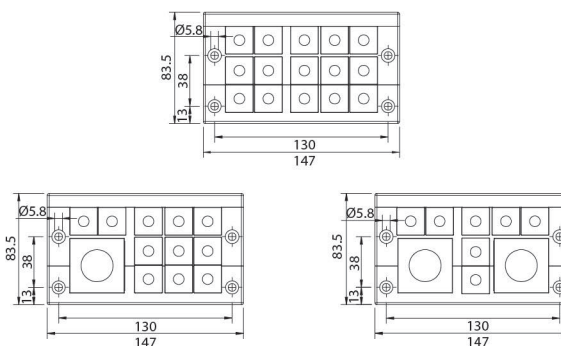
Material: Nylon 66, halogen free

Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

Cut-out dimensions: E1: 24x24mm E2: 43x24mm
E3: 65x24mm E4: 86x24mm
E5: 112x24mm

Type	Inserts Small/large	Order No.	PU
CES E1	Insert Small	600437	5
CES E2	Insert Small	600115	5
CES E3	Insert Small	600116	5
CES E4	Insert Small	600117	5
CES E5	Insert Small	600118	5

CES ED double row cable entry frame



Frame: Polyamide (nylon)

Brush: Polyamide (nylon)

Temperature: -20°C ~ 90°C Halogen free, silicon free

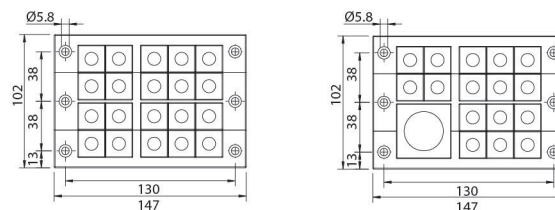
Cut-out dimensions: 62x112mm

Type	Inserts Small/large	Order No.	PU
CES 24/15-ED	Insert small	600119	5
CES 24/12-ED	Insert Medium/Insert Small	600120	5
CES 24/9-ED	Insert Medium/Insert Small	600121	5



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 82x112mm

CES ET double row cable entry frame

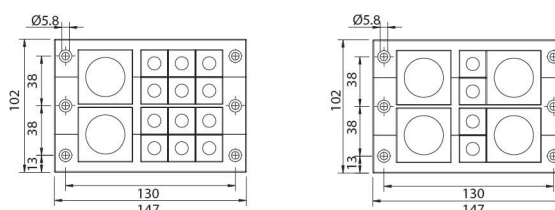


Type	Inserts Small/large	Order No.	PU
CES 24/20-ET	Insert Small	600122	5
CES 24/17-ET	Insert Medium/Insert Small	600123	5



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 82x112mm

CES ET double row cable entry frame

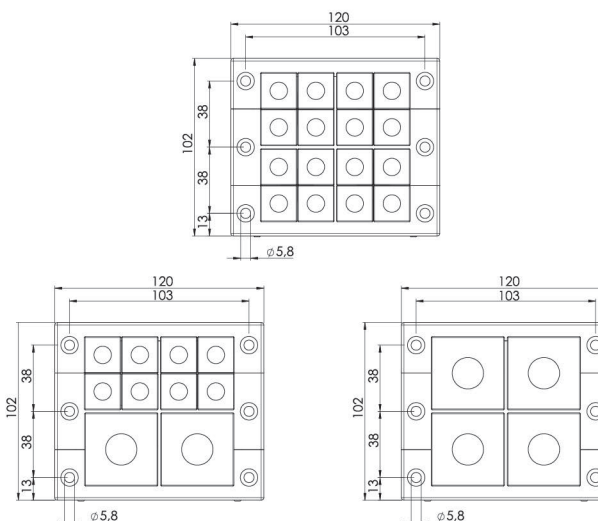


Type	Inserts Small/large	Order No.	PU
CES 24/14-ET	Insert Medium/Insert Small	600124	5
CES 24/8-ET	Insert Medium/Insert Small	600125	5



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 82x86mm

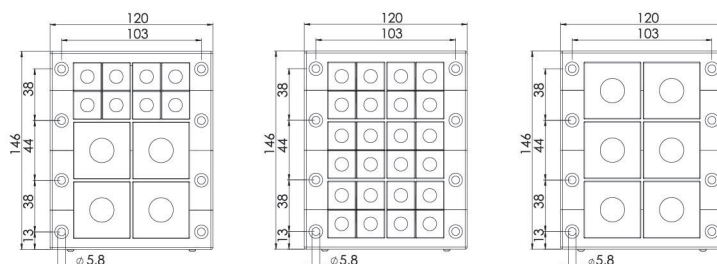
CES ET double row cable entry frame



Type	Inserts Small/large	Order No.	PU
CES 16/16-ET	Insert Small	600438	5
CES 16/10-ET	Insert Medium/Insert Small	600439	5
CES 16/4-ET	Insert Medium	600440	5



CES ET Triple row cable entry frame

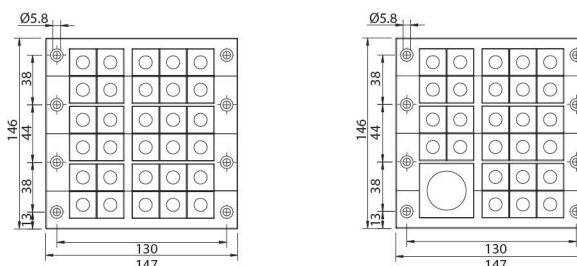


Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 126x86mm

Type	Inserts Small/large	Order No.	PU
CES 16/24-2ET	Insert Small	600441	5
CES 16/12-2ET	Insert Medium/Insert Small	600442	5
CES 16/6-2ET	Insert Medium	600443	5

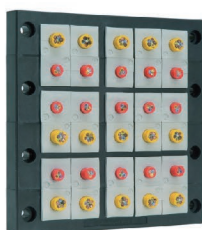


CES 2ET triple row cable entry frame

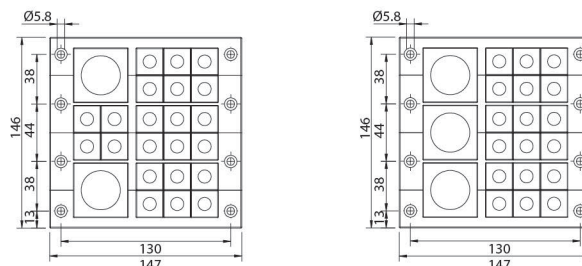


Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 126x112mm

Type	Inserts Small/large	Order No.	PU
CES 24/30-2ET	Insert small	600126	5
CES 24/27-2ET	Insert Medium/Insert small	600127	5



CES 2ET triple row cable entry frame



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 126x112mm

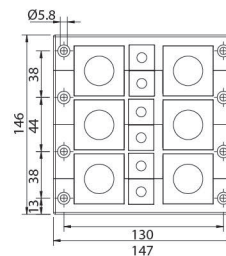
Type	Inserts Small/large	Order No.	PU
CES 24/24-2ET	Insert Medium/Insert small	600128	5
CES 24/21-2ET	Insert Medium/Insert small	600129	5



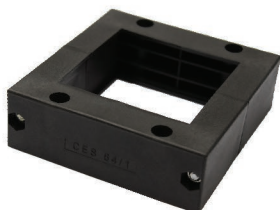
Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 126x112mm

FRAME HEIGHT: 35MM

CES 2ET triple row cable entry frame

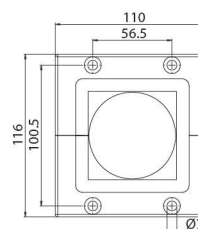


Type	Inserts Small/large	Order No.	PU
CES 24/12-2ET	Insert Medium/Insert Small	600130	5



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: Cable diameter+15-50%
Thickness: 34.5mm

CES 64 Cable entry frame for large conductor

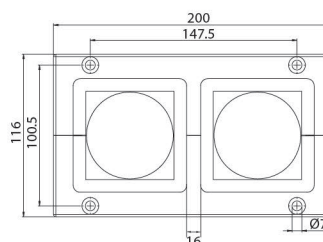


Type	Inserts Small/large	Order No.	PU
CES 64/1	Insert large	6004501	5



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: Cable diameter+15-50%
Thickness: 34.5mm

CES 64 Cable entry frame for large conductor



Type	Inserts Small/large	Order No.	PU
CES 64/2	Insert large	6004502	5

Cable inserts for large Conductor



Inserts for large conductor X: 34-74mm

Material: TPE, halogen free

Color: Grey, Black

Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

Flame Class: UL94 V-2, V-0(Customized)

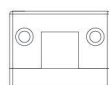
Type	Order No.(Grey)	Order No.(Black)	PU
CES X-(X+1)	60045X	60145X	5

FRAME HEIGHT: 17MM



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 24x24mm, 43x24mm, 65x24mm

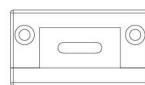
CES NL Cable entry frame for flat conductor



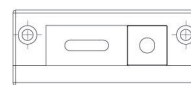
CES NL/M



CES NL/B (0xPT/1xNT-2)



CES NL/A (0xPT/1xNT-1)



CES NL/C (1xPT/1xNT-1)

Type	Order No.	PU
CES NL/M	600444	5
CES NL/A (0xPT/1xNT-1)	600133	5
CES NL/B (0xPT/1xNT-2)	600134	5
CES NL/C (1xPT/1xNT-1)	600135	5

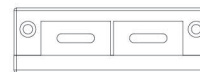


Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 86x24mm

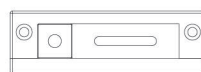
CES NL Cable entry frame for flat conductor



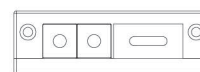
CES NL/D (0xPT/1xNT-3)



CES NL/F (0xPT/2xNT-1)



CES NL/E (1xPT/1xNT-2)



CES NL/G (2xPT/1xNT-1)

Type	Order No.	PU
CES NL/D (0xPT/1xNT-3)	600136	5
CES NL/E (1xPT/1xNT-2)	600137	5
CES NL/F (0xPT/2xNT-1)	600138	5
CES NL/G (2xPT/1xNT-1)	600139	5



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 112x24mm

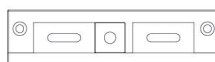
CES NL Cable entry frame for flat conductor



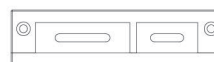
CES NL/H (2xPT/1xNT-2)



CES NL/J (3xPT/1xNT-1)



CES NL/I (1xPT/2xNT-1)



CES NL/K (1xNT-1/1xNT-2)



CES NL/L (1xNT-4)

Type	Order No.	PU
CES NL/H (2xPT/1xNT-2)	600140	5
CES NL/I (1xPT/2xNT-1)	600141	5
CES NL/J (3xPT/1xNT-1)	600142	5
CES NL/K (1xNT-1/1xNT-2)	600143	5
CES NL/L (1xNT-4)	600144	5

Inserts for flat cables



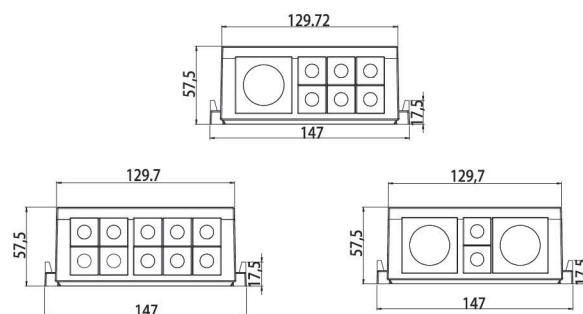
Material: TPE, halogen free

Color: Light Grey

Protection level: IP54

Type	Clamping range	Order No.	PU
E1	adapter inserts	600445	5
FT-1/O	Blind Inserts	600446	5
FT-1/A	Width: 19.0-23.0mm Thickness 5.5-6.0mm	600447	5
FT-1/B	Width: 28.0-33.0mm Thickness 5.5-6.0mm	600448	5
FT-1/C	Width: 24.0-30.0mm Thickness 8.5-9.0mm	600449	5
FT-1/F	Width: 28.0-33.0mm Thickness 9.0-9.5mm	600450	5
FT-2/O	Blind Inserts	600451	5
FT-2/A	Width: 32.5-38.0mm Thickness 5.0-5.5mm	600452	5
FT-2/B	Width: 45.0-50.5mm Thickness 6.0-6.5mm	600453	5
FT-2/C	Width: 47.0-52.0mm Thickness 9.5-10.0mm	600454	5
FT-3/O	Blind Inserts	600455	5
FT-3/A	Width: 72.0-77.0mm Thickness 5.0-5.5mm	600456	5
FT-4/A	Width: 85.0-99.0mm Thickness 4.2-5.2mm	600457	5
FT-4/O	Blind Inserts	600458	5

CES NG bowled angle cable entry frame



Material: Nylon 66, halogen free

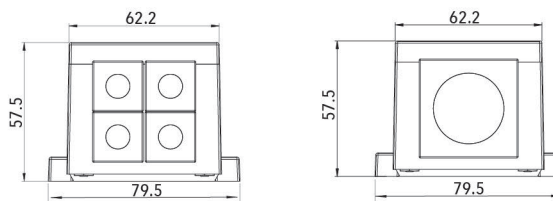
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

Cut-out dimensions: 36x112mm

Type	Inserts Small/large	Order No.	PU
CES NG A10	Insert Small	600145	5
CES NG A7	Insert Medium/Insert Small	600146	5
CES NG A4	Insert Medium/Insert Small	600147	5



Material: Nylon 66, halogen free
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)
Cut-out dimensions: 46x36mm

CES NG bowled angle cable entry frame


Type	Inserts Small/large	Order No.	PU
CES NG B4	Insert Small	600148	5
CES NG B1	Insert Medium	600149	5



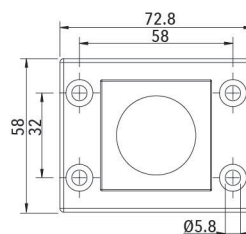
Material: TPE, halogen free
Color: Light Grey
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

CES KPF conical cable seal


Type	Bottom External Diameter	Order No.	PU
CES KPF/M25/3-17	39mm	600163	5
CES KPF/M32/6-24	46mm	600164	5
CES KPF/M40/11-32	54mm	600165	5
CES KPF/M50/17-42	64mm	600166	5
CES KPF/M63/23-55	77mm	600167	5



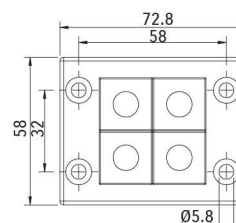
Material: TPE, Nylon 66, halogen free
Color: Light Grey
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

CES DPF conical cable seal


Type	Order No.	PU
CES DPF-C-SET	600168	5

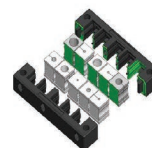


Material: TPE, Nylon 66, halogen free
Color: Light Grey
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

CES DPF conical cable seal


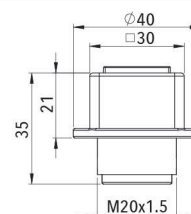
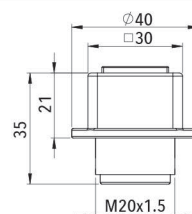
Type	Order No.	PU
CES DPF-4A-SET	600169	5

Accessories



Type	product description	Order No.	PU
CES BP 6	Blind plate (Zinc-plated steel)	600181	5
CES BP 10		600182	5
CES BP 16		600183	5
CES BP 24		600184	5
RH 800449		600459	5

CES RVT Split cable glands

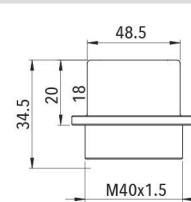
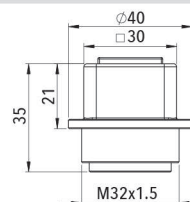


Material: Poly carbonate (PC), halogen free
Color: Light Grey, Black
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

Type	Inserts Small/large	Order No.	PU
CES RVT/M20	Insert Small	600158	5
CES RVT/M25	Insert Small	600159	5



CES RVT Split cable glands

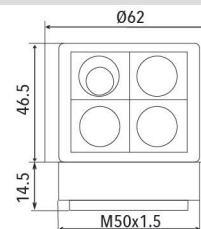


Material: Poly carbonate (PC), halogen free
Color: Light Grey, Black
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

Type	Inserts Small/large	Order No.	PU
CES RVT/M32	Insert Small	600160	5
CES RVT/M40/2	Insert Small	600161	5

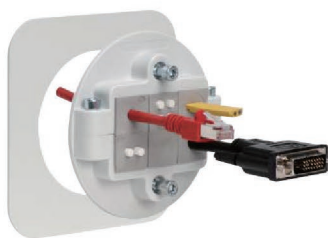


CES RVT Split cable glands

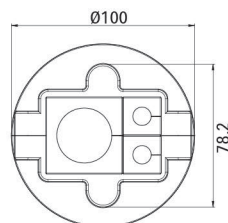


Material: Poly carbonate (PC), halogen free
Color: Light Grey, Black
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

Type	Inserts Small/large	Order No.	PU
CES RVT/M50/4	Insert Small	600162	5
CES RVT/M50/1	Insert Medium	600164	5



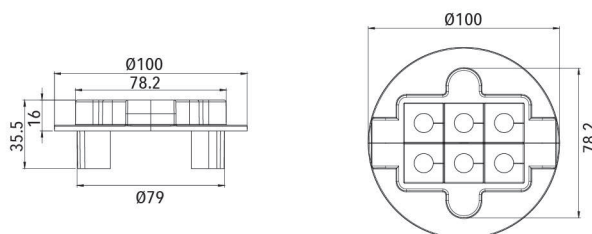
Material: Poly carbonate (PC)
Screw: Stainless steel **Color:** Grey
Properties: Halogen-free, silicone-free
Protection level: IP54 (with gasket and correct selection of the cable inserts)
Cut-out dimension: 80mm in diameter

KVT 80 Split Cable Glands


Type	Inserts Small/large	Order No.	PU
CES RVT 80/3	Insert Medium/Insert Small	600465	1



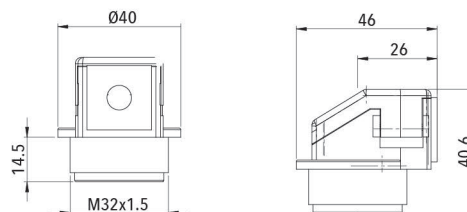
Material: Poly carbonate (PC)
Screw: Stainless steel **Color:** Grey
Properties: Halogen-free, silicone-free
Protection level: IP54 (with gasket and correct selection of the cable inserts)
Cut-out dimension: 80mm in diameter

KVT 80 Split Cable Glands


Type	Inserts Small/large	Order No.	PU
CES RVT 80/6	Insert Small	600466	1



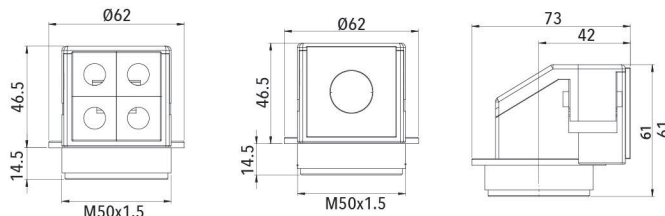
Material: Poly carbonate (PC), halogen free
Color: Light Grey, Black
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

CES 90 Split Cable Glands


Type	Inserts Small/large	Order No.	PU
CES RVT 32-W90	Insert Small	600467	10



Material: Poly carbonate (PC), halogen free
Color: Light Grey, Black
Protection level: IP54/IP65 (with gasket and correct selection of the cable inserts)

CES 90 Split Cable Glands


Type	Inserts Small/large	Order No.	PU
CES RVT 50/4-W90	Insert Small	600468	10
CES RVT 50/1-W90	Insert Medium	600469	10



Material: PA6
Protection level: IP54

Split locknut



Type	product description	Order No.	PU
CES GMT20	split locknut	600470	10
CES GMT25	split locknut	600471	10
CES GMT32	split locknut	600472	10
CES GMT40	split locknut	600473	10
CES GMT50	split locknut	600474	10



Material: Poly carbonate (PC)
Properties: Halogen-free, silicone-free
Protection level: IP54

CES Bulk head fittings



The 90° angled conduit fitting is for installation of parallel corrugated cable protection conduits, for example in machines, control panels or control cabinets. The liftable cover is tightly fixed by a hinge to the mounting box. The system is therefore very easy to handle. CES-FWS will be offered for corrugated conduits with sizes NW 13, 17, 23, 29, 37 and 50.

CES-FWS Assembly



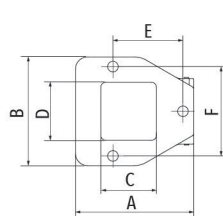
1. Fix FWS with screws



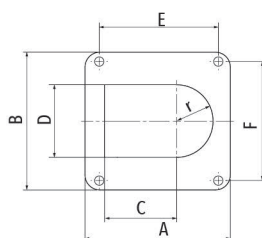
2. Insert conduit with cables



3. Lock FWS with screws

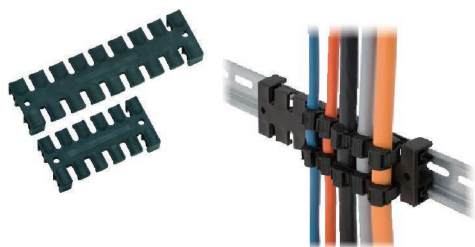


FWS-AD15.8 to 28.5

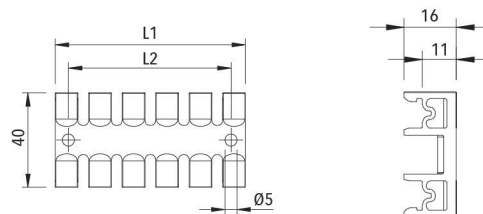


FWS-AD34.5 to 54.5

Type	Hole Ø(mm)	Size (mm)	Cut-out (Cx D)(mm)	Drill. Templ. (E × F)(mm)	Order No.	PU
CES FWS-AD15.8	3x4.3	49x45	22x26.5	29.0x37.0	600475	10
CES FWS-AD21.2	3x4.3	49x45	22x26.5	29.0x37.0	600476	10
CES FWS-AD28.5	3x4.3	67x63	37x28	41.5x51.5	600477	10
CES FWS-AD34.5	4x6.6	85.5x76	41.9x40 r=20	64.5x64.5	600478	10
CES FWS-AD42.5	4x6.6	97x92	48.3x48.4 r=24.2	79.5x79.5	600479	5
CES FWS-AD54.5	4x6.6	111.5x100.5	53x60.5 r=30.25	87.5x87.5	600480	5



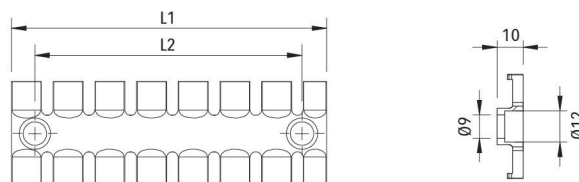
Material: Nylon 66, halogen free

CES ZD Strain relief plates


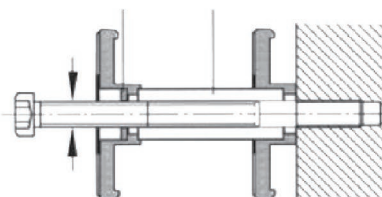
Type	No. of Teeth	Order No.	PU
CES ZD80 (L1: 79, L2: 68)	6	600131	10
CES ZD140 (L1: 139, L2: 128)	9	600132	10



Material: Nylon 66, halogen free

CES ZL Strain relief plates


Type	No. of Teeth	Order No.	PU
CES ZL87 (L1: 86.5, L2: 68)	6	600481	10
CES ZL140 (L1: 139.5, L2: 121)	9	600482	10
CES ZL180 (L1: 180, L2: 157)	12	600483	10


CES DH Distance bushings


Type	Length	Outside diameter	Order No.	PU
CES DH50	50mm	8mm	322511	10





Material: PA6, PE, PP
Color: Light Grey, Black, Dark Grey
Temperature: PA6: -40°C~115°C
 PE: -20°C~80°C
 PP: -40°C~110°C
Flame Class: UL94 V-2/V-0 Customized

SFN NRG Split corrugated conduit

Type	Internal/External Diameter(mm)	Order No.	PU
SFN NRG-10.0	6.5x10.0	600499	100
SFN NRG-13.0	10.0x13.0	600500	100
SFN NRG-15.8	12.0x15.8	600501	100
SFN NRG-18.5	14.3x18.5	600502	100
SFN NRG-20.0	16.0x20.0	600503	100
SFN NRG-21.2	17.0x21.2	600504	50
SFN NRG-25.0	21.0x25.0	600505	50
SFN NRG-28.5	23.0x28.5	600506	25
SFN NRG-30.0	25.0x30.0	600507	25
SFN NRG-34.5	29.0x34.5	600508	25
SFN NRG-42.5	36.0x42.5	600509	10
SFN NRG-54.5	48.0x54.5	600510	10
SFN NRG-67.2	56.3x67.2	600511	25
SFN NRG-80.0	66.5x80.0	600512	10
SFN NRG-106.0	91.0x106.0	600513	10



Material: PA6, PE, PP
Color: Light Grey, Black, Dark Grey
Temperature: PA6: -40°C~115°C
 PE: -20°C~80°C
 PP: -40°C~110°C
Flame Class: UL94 V-2/V-0 Customized

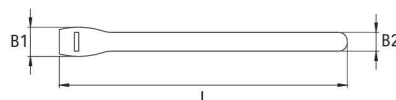
SFN NRG Standard corrugated conduit

Type	Internal/External Diameter(mm)	Order No.	PU
SFN NRG-10.0	6.5x10.0	600484	100
SFN NRG-13.0	10.0x13.0	600485	100
SFN NRG-15.8	12.0x15.8	600486	100
SFN NRG-18.5	14.3x18.5	600487	100
SFN NRG-20.0	16.0x20.0	600488	100
SFN NRG-21.2	17.0x21.2	600489	50
SFN NRG-25.0	21.0x25.0	600490	50
SFN NRG-28.5	23.0x28.5	600491	25
SFN NRG-30.0	25.0x30.0	600492	25
SFN NRG-34.5	29.0x34.5	600493	25
SFN NRG-42.5	36.0x42.5	600494	10
SFN NRG-54.5	48.0x54.5	600495	10
SFN NRG-67.2	56.3x67.2	600496	25
SFN NRG-80.0	66.5x80.0	600497	10
SFN NRG-106.0	91.0x106.0	600498	10

CES Cable ties with hook-and-loop fastener



Type	Size (mm)			Order No.	PU
	L	B1	B2		
CES LKB 200x7bk	200	13	7	600514	100
CES LKB 200x13bk	200	20	13	600515	100

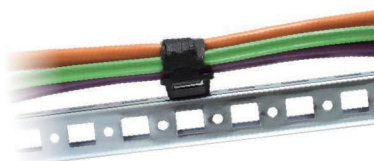
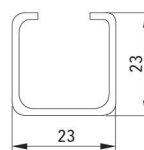
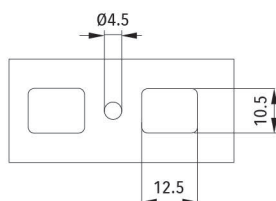

CES Cable ties with hook-and-loop fastener


Type	Size (mm)			Order No.	PU
	L	B1	B2		
CES LKB 230x13bk	230	20	13	600516	100
CES LKB 300x17bk	300	25	17	600517	100


CES Cable ties with hook-and-loop fastener


Material: Polypropylene + Velour PA
Flame Class: UL94 V-0/V-2

Type	Size (mm)	Order No.	PU
	B2		
CES LB 7bk	7	600518	25
CES LB 10bk	10	600519	25
CES LB 15bk	15	600520	25
CES LB 20bk	20	600521	25
CES LB 25bk	25	600542	25


CES Holder for hook-and-loop fastener, screwable


CES BH-R



CES BH-SB

23x23mm Installation Guide

Material: Nylon 66, halogen free

Type	Fit for LKB/LB	Order No.	PU
CES BH-R	LKB 200x7/LKB 200x13/LB 10/LB 15	600522	100
CES BH-SB	LKB 200x7/LB 10	600523	100



CES BH-RBA



CES BH-RBB

CES Holder for hook-and-loop fastener, assemble and KD by turning 90°


Material: Nylon 66, halogen free
Color: Light Grey, Black
Cut-out dimension: RBA: Ø6mm, RBB: Ø6.5mm

Type	Fit for LKB/LB	Order No.	PU
CES BH-RBA	LKB 200x7/LB 10	600525	100
CES BH-RBB	LKB 200x7/LB 10	600526	100



Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

CES small



Type	Clamping range mm	Order No.		PU
		Grey	Black	
CES 2	2-3	600302	601302	5
CES 3	3-4	600303	601303	5
CES 4	4-5	600304	601304	5
CES 5	5-6	600305	601305	5
CES 6	6-7	600306	601306	5
CES 7	7-8	600307	601307	5
CES 8	8-9	600308	601308	5
CES 9	9-10	600309	601309	5
CES 10	10-11	600310	601310	5
CES 11	11-12	600311	601311	5
CES 12	12-13	600312	601312	5
CES 13	13-14	600313	601313	5
CES 14	14-15	600314	601314	5
CES 15	15-16	600315	601315	5
CES 16(S)	16-17	600316(S)	601316(S)	5



Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

CES medium



Type	Clamping range mm	Order No.		PU
		Grey	Black	
CES 16(M)	16-17	600316(M)	601316(M)	5
CES 17	17-18	600317	601317	5
CES 18	18-19	600318	601318	5
CES 19	19-20	600319	601319	5
CES 20	20-21	600320	601320	5
CES 21	21-22	600321	601321	5
CES 22	22-23	600322	601322	5
CES 23	23-24	600323	601323	5
CES 24	24-25	600324	601324	5
CES 25	25-26	600325	601325	5
CES 26	26-27	600326	601326	5
CES 27	27-28	600327	601327	5
CES 28	28-29	600328	601328	5
CES 29	29-30	600329	601329	5
CES 30	30-31	600330	601330	5
CES 31	31-32	600331	601331	5
CES 32	32-33	600332	601332	5
CES 33	33-34	600333	601333	5

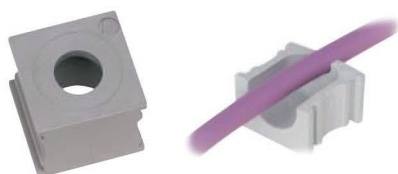


Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

CES adapter insert(small)



Type	Clamping range mm	Order No.		PU
		Grey	Black	
CES 2/3	2xΦ3	600334	601334	5
CES 2/4	2xΦ4	600335	601335	5
CES 2/5	2xΦ5	600336	601336	5
CES 2/6	2xΦ6	600337	601337	5
CES 2/7	2xΦ7	600338	601338	5
CES 2/8	2xΦ8	600339	601339	5
CES 4/3	4xΦ3	600340	601340	5
CES 4/4	4xΦ4	600341	601341	5
CES 4/5	4xΦ5	600342	601342	5
CES 4/6	4xΦ6	600343	601343	5



Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

Drilling, wide cable range



Type	Clamping range mm	Size	Order No.	PU
KTMB 6.5	2.5-6.5	CES small	600527	5
KTMB 7.5	4-7.5	CES small	600528	5
KTMB 10	6.5-10	CES small	600529	5
KTMB 13	9.5-13	CES small	600530	5
KTMB 16	13-16	CES small	600531	5



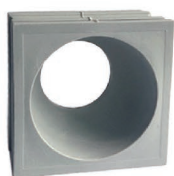
Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

Drilling, wide cable range



Type	Clamping range mm	Size	Order No.	PU
CES DPF-A	3-12	CES small	600532	5





Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

CES DT Cable entry inserts



Type	Clamping range mm	Size	Order No.	PU
KTMB 18	13-18	CES medium	600533	5
KTMB 23	18-23	CES medium	600534	5
KTMB 28	23-28	CES medium	600535	5
KTMB 33	28-33	CES medium	600536	5



Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

Cable Entry Inserts, multi range



Type	Clamping range mm	Size	Order No.	PU
KTMB2x18	2x13-18	CES medium	600537	5



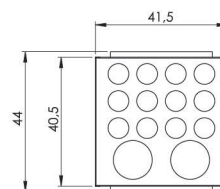
Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

Cable Entry Inserts, multi range

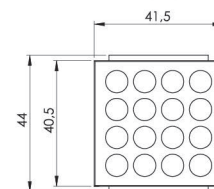


Type	Clamping range mm	Size	Order No.	PU
CES DPF-B	4-18	CES medium	600538	5
CES DPF-C	11-23	CES medium	600539	5
CES DPF-D	14-26	CES medium	600540	5

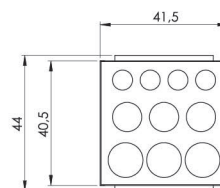
Cable Entry Inserts, multi range



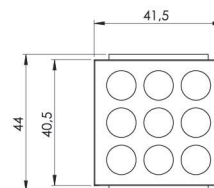
CES DT1



CES DT2



CES DT3

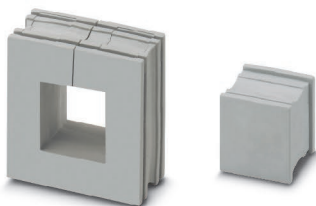


CES DT4

Type	Cable number	Order No.	PU
CES DT1	12x max.6.5mm/2x max.12.2mm	600460	10
CES DT2	16x max.7.1mm	600461	10
CES DT3	4x max.6.5/3x max.9.5/3x max.11.3mm	600462	10
CES DT4	9x max.9.5mm	600463	10

Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

DT cable entry inserts are designed for routing standard cables (wireless connector)

CES Conversion template


Material: TPE halogen free
Color: Light Grey, Black
Protection level: IP54

Type	Size	Order No.		PU
		Grey	Black	
CES BSA	conversion template from large to small	600344	601344	5
CES BSG	solid template small	600345	601345	5
CES BBG	solid template medium	600346	601346	5

CES plugs for sealing


Material: Nylon 66 halogen free
Color: White

Type	Diameter mm	length mm	Order No.	PU
CES PT2	2	25	600402	5
CES PT3	3	25	600403	5
CES PT4	4	25	600404	5
CES PT5	5	25	600405	5
CES PT6	6	25	600406	5
CES PT7	7	25	600407	5
CES PT8	8	20	600408	5
CES PT9	9	20	600409	5
CES PT10	10	20	600410	5
CES PT11	11	20	600411	5
CES PT12	12	20	600412	5
CES PT13	13	20	600413	5
CES PT14	14	20	600414	5
CES PT15	15	20	600415	5
CES PT16	16	20	600416	5
CES PT17	17	20	600417	5

