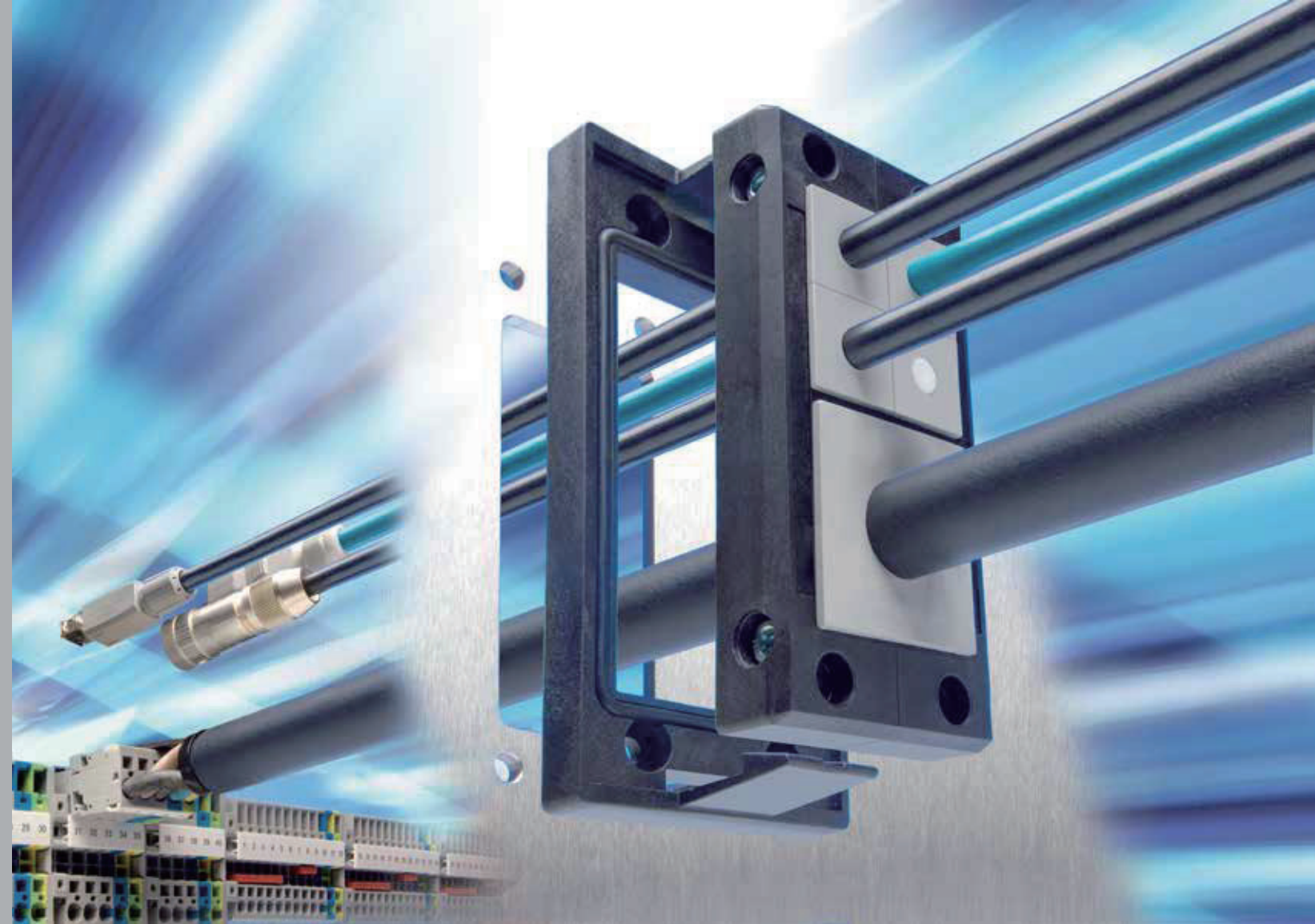




NANJING SAFELYSEAL ELECTRIC CO. LTD

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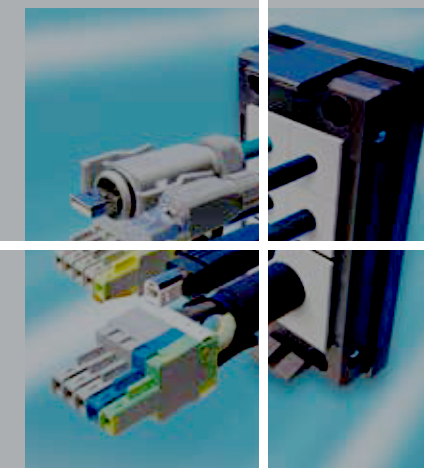


CES Cable entry systems

• Professional • Quality • Technology • Service



2023-05



 NANJING SAFELYSEAL ELECTRIC CO. LTD

Nanjing SafelySeal was established in 2011. It is a group company integrating research and development, production and sales. SafelySeal currently has six series of products: CES modular cabinet sealing and insulation products, industrial identification (terminal identification, wire and cable identification, equipment identification and sign), Glen, industrial distribution system and sensor cables, MES wall sealing and insulation products, and rectangular connectors. They are specialized in mechanical manufacturing, rail transit, underground pipe gallery, ship, electric power, chemical industry and other industries, and can provide customers with comprehensive and systematic solutions for sealing and wiring of electrical connection harnesses.

Among them, SafelySeal CES and industrial electrical identification products have become industry leaders in the fields of cable connection, pipeline sealing and wiring arrangement. The perfect adaptability of multi-path products ensures high-quality sealing effect. Modular combination scheme makes equipment sealing and fixing more efficient, flexible and reliable. This is also the key to the success of Safelyseal

Through the development and growth in recent years, Safelyseal has set up offices and distribution channels in Beijing, Tianjin, Shanghai, Guangzhou, Shenzhen, Nanjing, Suzhou, Wuxi, Ningbo, Shenyang and Xi 'an, forming a nationwide service network. At the same time, with its strong technical reserves, research and development capabilities and flexible market strategies, Safelyseal has continuously introduced more perfect electrical solutions to provide high-performance products that are oriented to the future and more meet the needs of customers. Our ultimate goal is to become an influential supplier of electrical connection solutions in China, become the most reliable supplier of product solutions for users and partners, and truly create China's own leading brand of electrical connection accessories!

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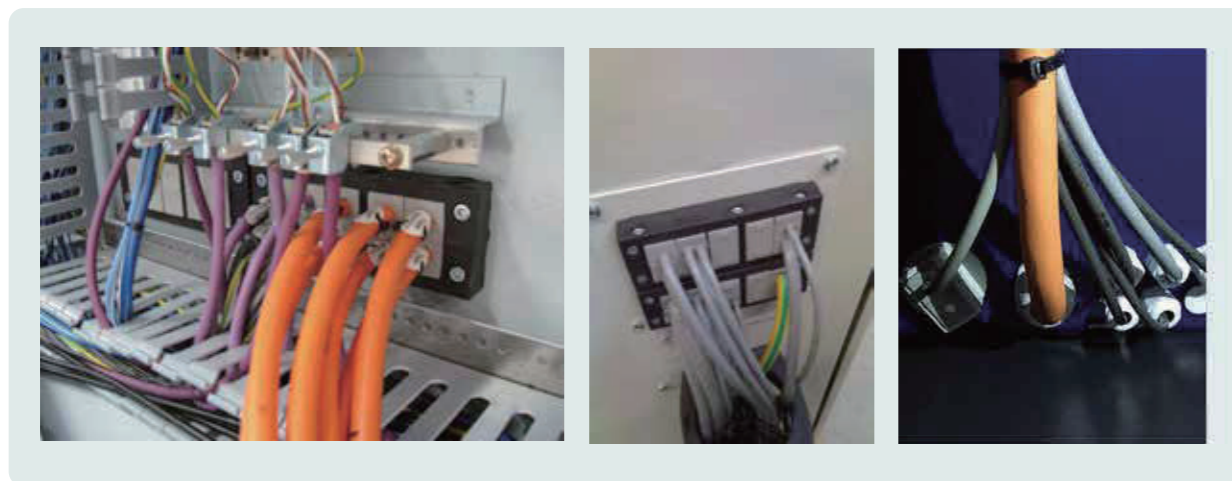
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Direct field plugging

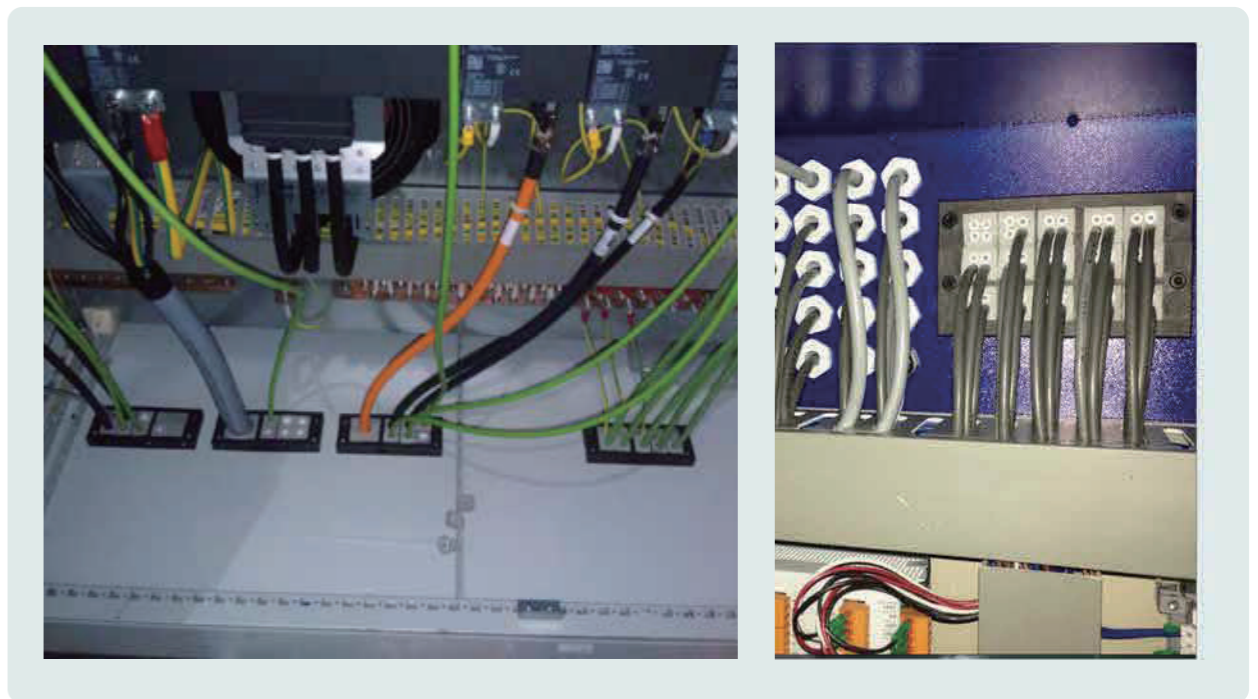
CES sealing system has larger installation space, and cables with prefabricated joints can be directly inserted through the cabinet in the field. Using cables with prefabricated joints can ensure that the system functions are not affected and the installation time is saved when the equipment is welded and connected.



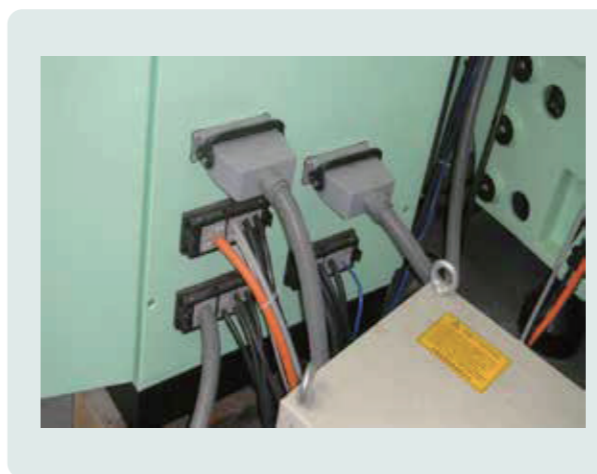
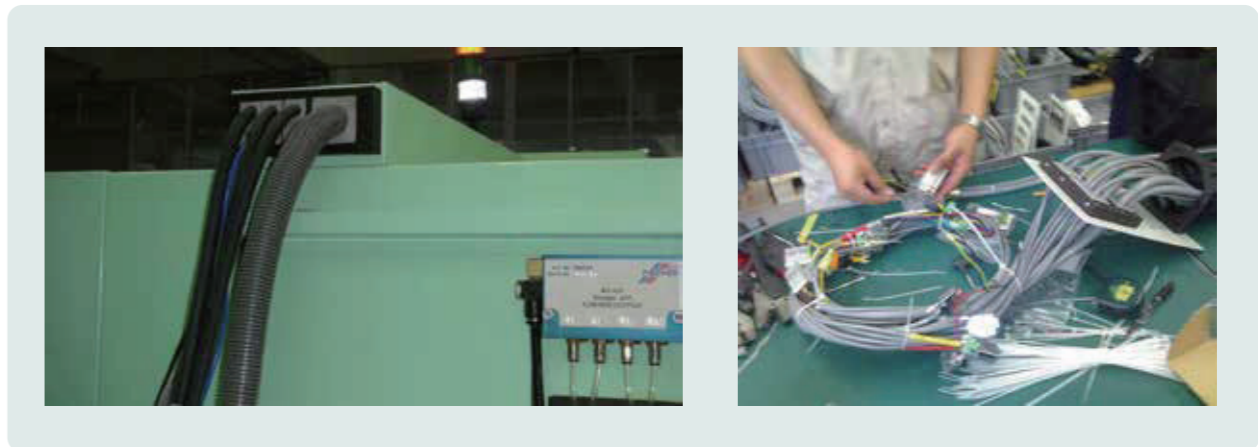
Reasonable design, high efficiency and compactness

Reduce the number of cable openings and improve the cabinet sealing level

The "CES seal system" only requires a hole seal to pass through a number of cables, completely eliminating the trouble of opening a different aperture because of the need for multiple cables, and to reach the seal grade of IP54 or IP65. The "CES seal system" is designed with high efficiency, compact and single opening seal, which greatly improves the space utilization ratio of the cabinet and reduces the cost of the whole system.

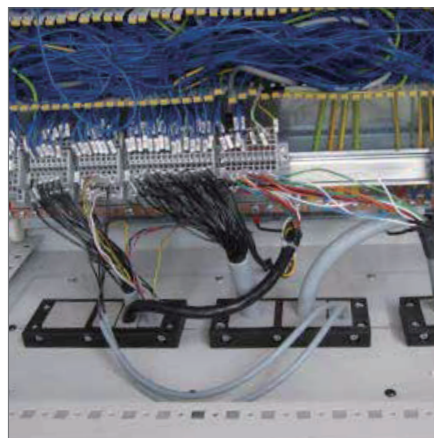


Modular design, quick assembly



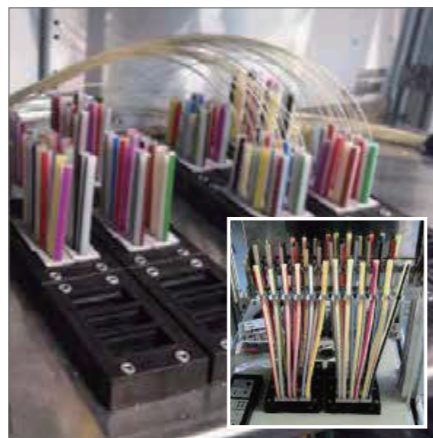
The installation is convenient and efficient, and the assembly time is saved.

The CES sealing system of severny electric can save cables by its standardized installation procedures and through a single hole size. Sealing and assembling time of pipelines, The internal module can be changed randomly according to the requirements, without redesigning and choosing the crossing route, the equipment can be assembled more quickly, and the shortest time can reach the customers.



Packaging machinery

Cables with terminals are introduced into the bottom of the switch cabinet, and the protection level is **IP54**.



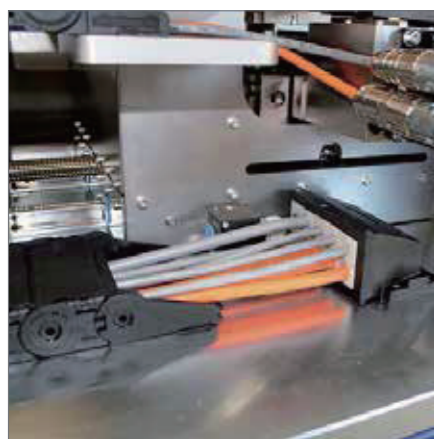
Fiber-optic cable

Introduce optical cable and use it with SKL shielded grounding terminal.



Compressor

6 cables with diameter up to **34mm** are introduced through a cable lead-in frame.



Machine tool

The cable towing chain with stress release is matched to lead the cable into the switch cabinet.



Automatic cabinet


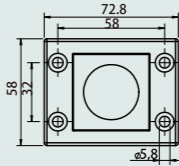
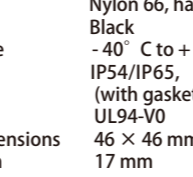
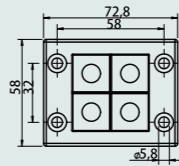

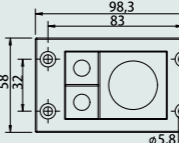
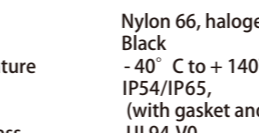
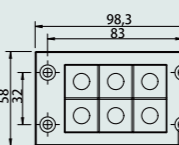
Use **KVT-W90** to introduce the cable into the control panel in a 90 degree way.


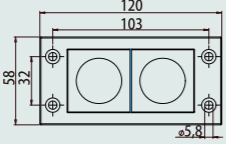
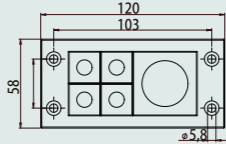
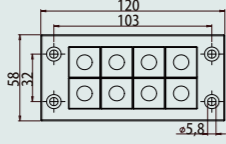

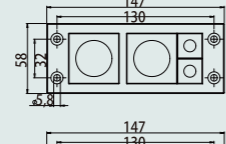
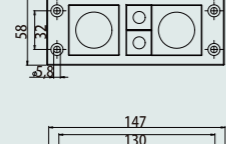
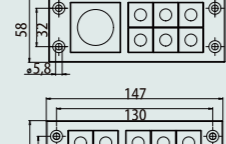
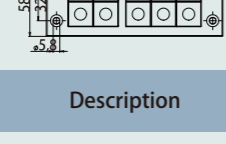




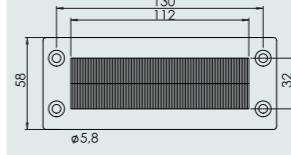
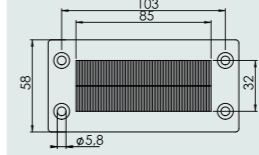
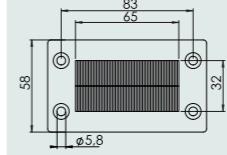
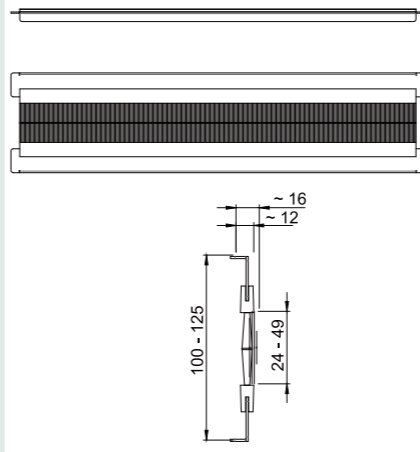
Vehicle engineering


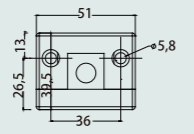
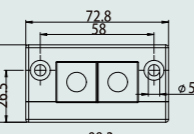
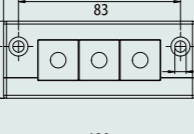
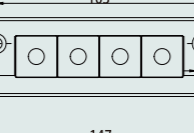
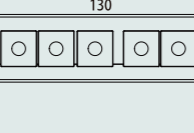
Lead in pipes and large cables


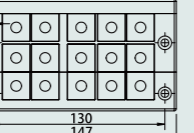
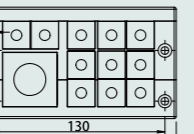
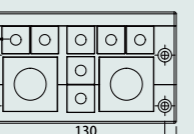



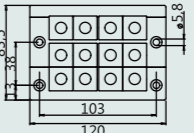
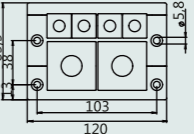
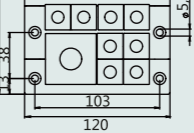

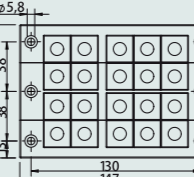
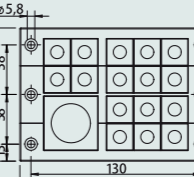

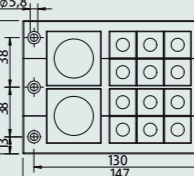
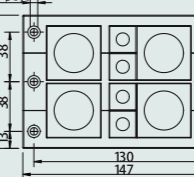
CES 6 cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: - 40° C to + 140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 46 × 46 mm Frame depth: 17 mm</p>		CES6/1	Medium module	600101	5
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: - 40° C to + 140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 46 × 46 mm Frame depth: 17 mm</p>		CES6/4	Small module	600102	5
CES 10 cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: - 40° C to + 140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 36 × 65mm Frame depth: 17 mm</p>		CES10/3	Small module Medium module	600103	5
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: - 40° C to + 140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 36 × 65mm Frame depth: 17 mm</p>		CES10/6	Small module	600104	5


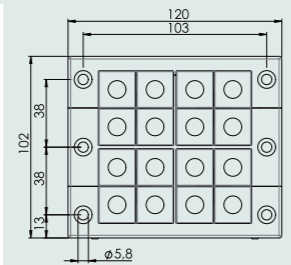
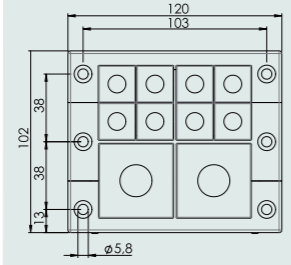
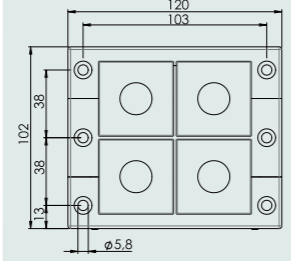
CES 16 cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 36 × 86mm Frame depth: 17 mm</p>		CES 16/2	Medium module	600105	5
		CES 16/5	Small module Medium module	600106	5
		CES 16/8	Small module	600107	5
CES 24 cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 36 × 112mm Frame depth: 17 mm</p>		CES 24/4	Small module Medium module	600108	5
		CES 24/4-2	Small module Medium module	600585	5
		CES 24/7	Small module Medium module	600109	5
		CES 24/10	Small module	600110	5
CES Snap mounting frames	Description	Type	Order No	PU	
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0</p>		CES SNAP6	600111	5	
	Used to fix CES 6, 10, 16, 24 series frame, And is connected with the cabinet body through bolts	CES SNAP10	600112	5	
		CES SNAP16	600113	5	
		CES SNAP24	600114	5	


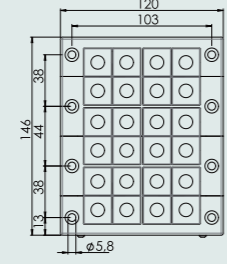
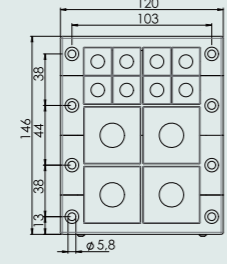
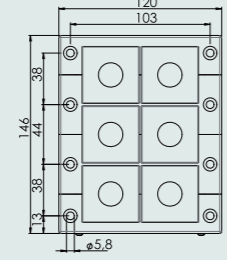
Brush plate for cable pass-through	Description	Type	Cut-out [mm]	Order No	PU	
 <p>Material: Frame, rectangular: Polyamide (nylon 66) Brushes: Polyamide(nylon 66) Temperature Properties: -20° C to +90° C Frame depth: Halogen-free, silicone-free 10 mm</p>		CES-BES 24	36 x 112	600431	5	
		CES-BES 16	36 x 86	600432	5	
		CES-BES 10	36 x 65	600433	5	
Brush	Type	Control cabinet length[mm]	Brush length[mm]	Cut-out [mm]	Order No	PU
	CES-BES-TS8-600	600	458	436	600434	5
	CES-BES-TS8-800	800	658	636	600435	5
	CES-BES-TS8-1000	1000	858	836	600436	5


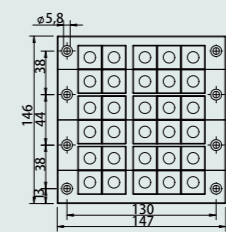
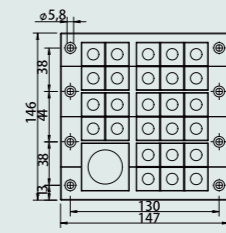
CES E cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: E1:24x24mm E2:43x24mm E3:65x24mm E4:86x24mm E5:112x24mm Frame depth: 17 mm</p>		CES E1	Small module	600437	5
		CES E2	Small module	600115	5
		CES E3	Small module	600116	5
		CES E4	Small module	600117	5
		CES E5	Small module	600118	5

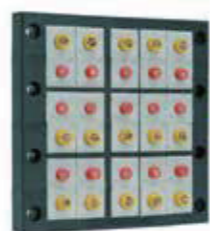
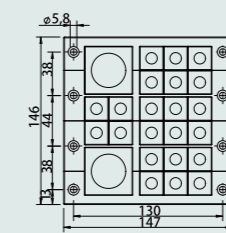
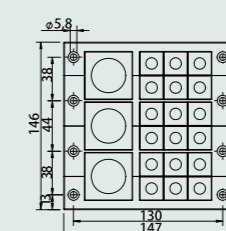
CES ED cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 62 × 112mm Frame depth: 17 mm</p>		CES 24/15-ED	Small module	600119	5
		CES 24/12-ED	Small module Medium module	600120	5
		CES 24/09-ED	Small module Medium module	600121	5

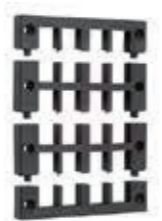
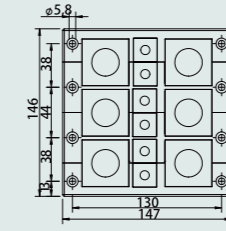
CES ED cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0, self-extinguishing Cut-out dimensions: 66 × 86mm Frame depth: 17 mm</p>		CES 16/12-ED	Small module	600581	5
		CES 16/6-ED	Small module Medium module	600583	5
		CES 16/9-ED	Small module Medium module	600584	5
CES ET cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 82 × 112mm Frame depth: 17 mm</p>		CES 24/20-ET	Small module	600122	5
		CES 24/17-ET	Small module Medium module	600123	5
CES ET cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 82 × 112mm Frame depth: 17 mm</p>		CES 24/14-ET	Small module Medium module	600124	5
		CES 24/8-ET	Small module Medium module	600125	5

CES ET cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 82 × 86mm Frame depth: 17 mm</p>		CES 16/16-ET	Small module	600438	5
		CES 16/10-ET	Small module Medium module	600439	5
		CES 16/4-ET	Medium module	600440	5


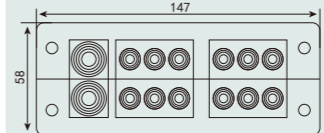
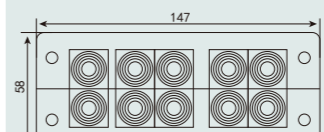
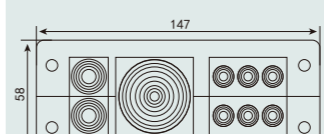
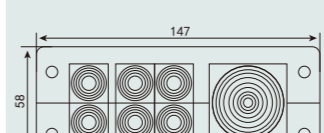
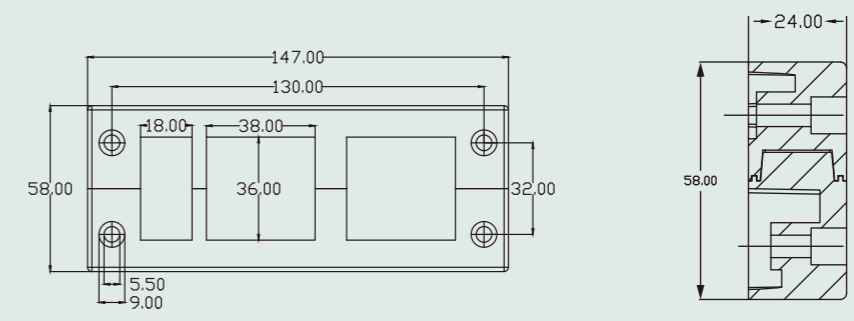
CES 2ET cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 126 × 86mm Frame depth: 17 mm</p>		CES 16/24-2ET	Small module	600441	5
		CES 16/12-2ET	Small module Medium module	600442	5
		CES 16/6-2ET	Medium module	600443	5

CES 2ET cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 126 × 112mm Frame depth: 17 mm</p>		CES 24/30-2ET	Small module	600126	5
		CES 24/27-2ET	Small module Medium module	600127	5

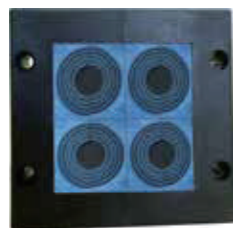
CES 2ET cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 126 × 112mm Frame depth: 17 mm</p>		CES 24/24-2ET	Small module Medium module	600128	5
		CES 24/21-2ET	Small module Medium module	600129	5

CES 2ET cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 126 × 112mm Frame depth: 17 mm</p>		CES 24/12-2ET	Small module Medium module	600130	5

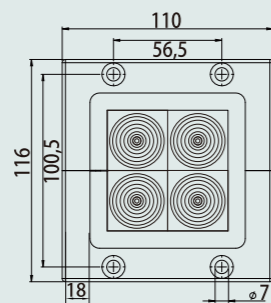
CES Multiple layer metal frames	Product photos	Type	Sealing range (mm)	Order No	PU
 <p>Material: EPDM, Aluminium Color : Grey, Blue Flame class: UL94-V0 Environmental protection: Halogen-free Temperature: -40° C to +140° C IP Rating: IP65 Cut-out dimensions/mm: 56 (+1/-1) ×149 (+1/-1) Overall dimensions/mm: 80.5×173×55</p>		CES-DBC-10/3L	2x(10.0-25.0) 1x(9.5-34.5)	708007	5
		CES-DBC-10/4L	2x (9.5-34.5) 2x (3.5-16.5)	708001	5
		CES-DBC-10/5L	2x (9.5-34.5) 3x (3.5-10.5)	708002	5
		CES-DBC-10/6L	2x (10.0-25.0) 4x (3.5-16.5)	708008	5
		CES-DBC-10/7L	6x (3.5-16.5) 1x (9.5-34.5)	708003	5
		CES-DBC-10/10L(S)	9x (3.5-10.5) 1x (9.5-34.5)	708004	5
		CES-DBC-10/10L	10x (3.5-16.5)	708005	5
		CES-DBC-10/15L	15x (3.5-10.5)	708006	5

CES 24 Multiple stripping layer Suit	Description	Type	Inserts cable	Order No	PU	
 <p>Material: Nylon 66 Color: Black Temperature: -40° C to +120° C IP rating: IP65 Flame class: UL94-V0 Cut-out dimensions: 36 × 112mm</p>		CES 24/14 SET	14	700741	5	
		CES 24/10 SET	10	700742	5	
		CES 24/9 SET	9	700743	5	
		CES 24/7 SET	7	700744	5	
Products	Type	Clamping range (mm)	Inserts	Installation height (mm)	Order No	PU
Frames	CES 24	-	-	24	700745	5
Variable diameter module	CM20*20	4-14	0-10	-	700746	5
	CM20*40	4-11	0-10	-	700747	5
	CM40	10-34	0-2	-	700748	5
						

CES 64 Multiple stripping layer Suit	Description	Type	Inserts cable	Order No	PU
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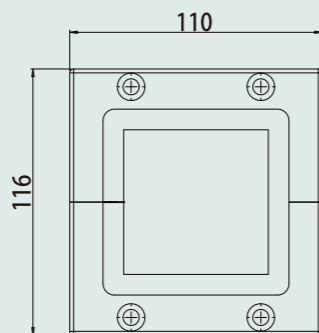
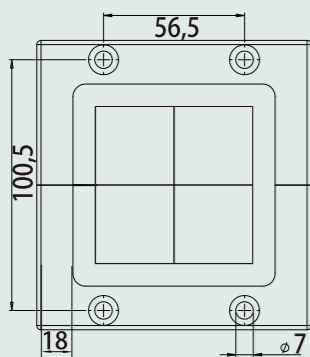


Material Nylon 66
 Color Black
 Temperature -40° C to +120° C
 IP rating IP65,
 Flame class UL94-V0
 Cut-out dimensions Cable diameter +15~20%



CES 64/4 SET 4 700757 5

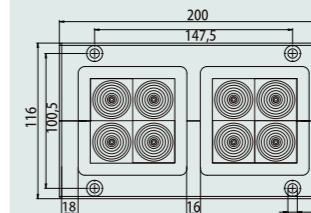
Products	Type	Clamping range (mm)	Inserts	Nstallation height (mm)	Order No	PU
Frames	CES 64/1	-	-	30	700758	5
Variable diameter module	CM40	10-34	4	-	700759	5



CES 64 Multiple stripping layer Suit	Description	Type	Inserts cable	Order No	PU
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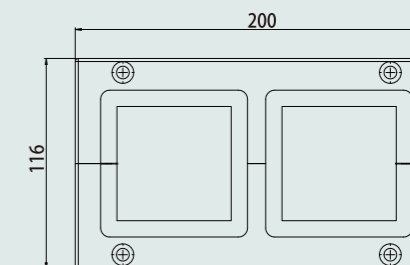
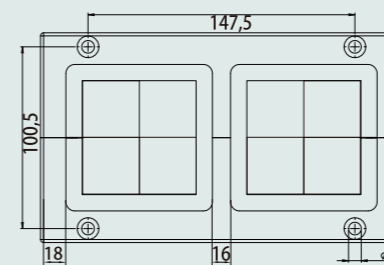



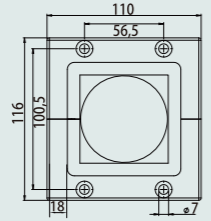

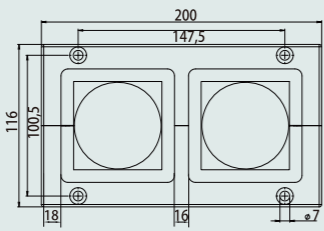


Material Nylon 66
 Color Black
 Temperature -40° C to +120° C
 IP rating IP65,
 Flame class UL94-V0
 Cut-out dimensions Cable diameter +15~20%


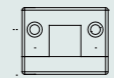

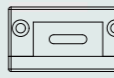
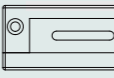
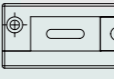







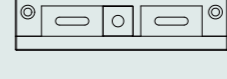
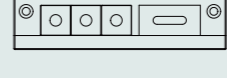




CES 64/8 SET 8 700760 5

Products	Type	Clamping range (mm)	Inserts	Nstallation height (mm)	Order No	PU
Frames	CES 64/2	-	-	30	700761	5
Variable diameter module	CM40	10-34	4	-	700762	5


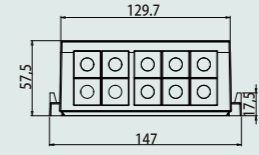
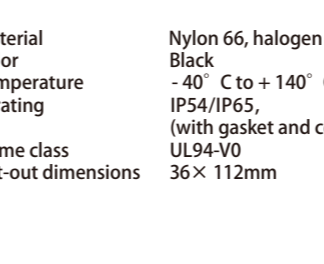
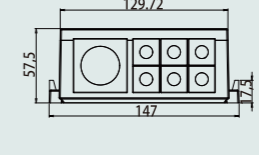
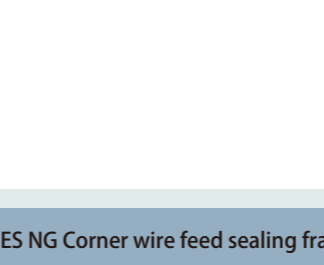
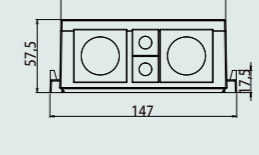


CES 64 cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: Cable diameter +15~20% Frame depth: 34.5 mm</p>		CES 64/1	Large module	6004501	5
CES 64 cable entry frames	Description	Type	Matching module	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: Cable diameter +15~2% Frame depth: 34.5 mm</p>		CES 64/2	Large module	6004502	5
CES Large wire diameter seal module (Large module)	Description	Type	Order No (grey)	Order No (black)	PU
 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V2/VO(Custom)</p>	Large wire diameter seal module X:34-74mm	CES X-(X+1)	60045X	60145X	5
CES Large wire diameter seal module (Large module)	Type	Line diameter range	Order No (grey)	Order No (black)	PU
 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V2/VO(Custom)</p>	S-KTMB 55	55-71	700810	710810	5


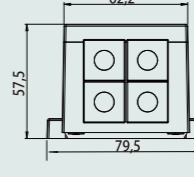
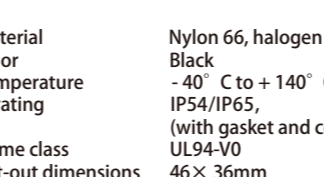
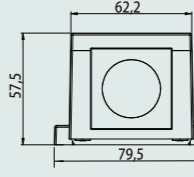
CES NL Cable entry frames for flat cables	Description	Type	Cut-out dimensions	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Frame depth: 17 mm</p>		CES NL/M	24*24mm	600444	5
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Frame depth: 17 mm</p>		CES NL/A (0xPT/1xNT-1)	43*24mm	600133	5
		CES NL/B (0xPT/1xNT-2)	65*24mm	600134	5
		CES NL/C (1xPT/1xNT-1)	365 34mm	600135	5
	CES NL Cable entry frames for flat cables	Description	Type	Order No	PU
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 86 × 24mm Frame depth: 17 mm</p>		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	
CES NL Cable entry frames for flat cables	Description	Type	Order No	PU	
 <p>Material: Nylon 66, halogen - free Color: Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Cut-out dimensions: 112 × 24mm Frame depth: 17 mm</p>		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	



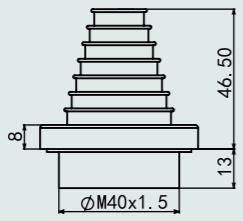
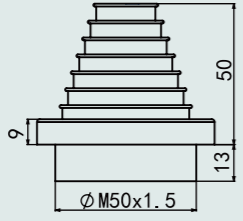
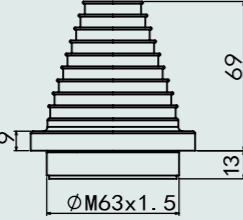
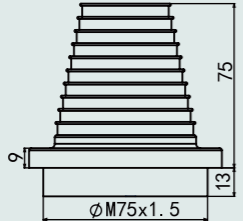
Cable entry frames for flat cables	Type	Clamping range[mm]	Order No	PU
	CES-E1	Custom	600445	5
	CES-FT-1/0	Blank grommet	600446	5
	CES-FT-1/A	Width: 19-23 Thickness: 5.5-6	600447	5
	CES-FT-1/B	Width: 28-33 Thickness: 5.5-6	600448	5
	CES-FT-1/C	Width: 24-30 Thickness: 8.5-9	600449	5
	CES-FT-1/F	Width: 28-33 Thickness: 9-9.5	600450	5
	CES-FT-2/0	Blank grommet	600451	5
	CES-FT-2/A	Width: 32.5-38 Thickness: 5-5.5	600452	5
	CES-FT-2/B	Width: 45-50.5 Thickness: 6-6.5	600453	5
	CES-FT-2/C	Width: 47-52 Thickness: 9.5-10	600454	5
	CES-FT-3/0	Blank grommet	600455	5
	CES-FT-3/A	Width: 72-77 Thickness: 5-5.5	600456	5
	CES-FT-4/A	Width: 85-99 Thickness: 4.2-5.2	600457	5
	CES-FT-4/0	Blank grommet	600458	5


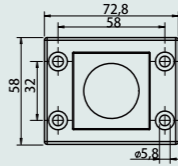

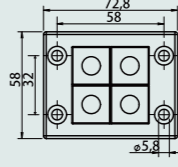



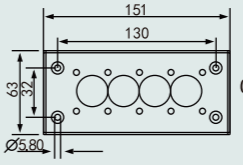
Material TPE, halogen - free
Color Grey
Temperature -40° C to +140° C
IP rating IP54
Flame class UL94-V0


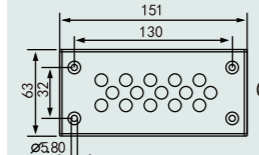
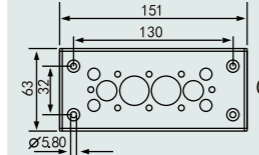
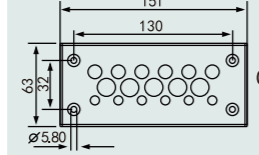
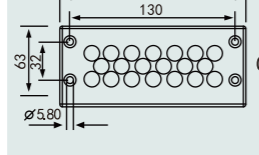
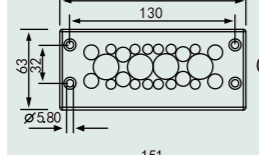
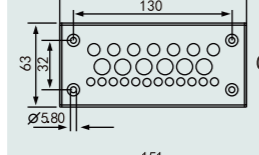
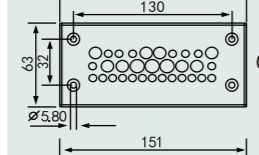
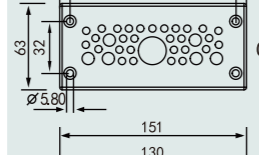
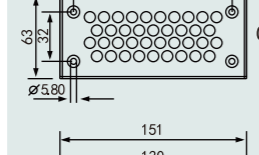
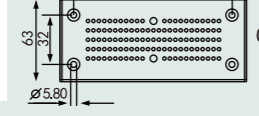
CES NG Corner wire feed sealing frame	Description	Type	Matching module	Order No	PU
		CES NG A10	Small module	600145	5
		CES NG A7	Small module Medium module	600146	5
		CES NG A4	Small module Medium module	600147	5


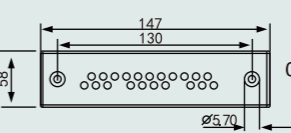

Material Nylon 66, halogen - free
Color Black
Temperature -40° C to +140° C
IP rating IP54/IP65,
(with gasket and correct)
Flame class UL94-V0
Cut-out dimensions 36× 112mm


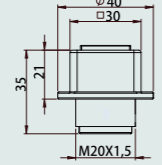
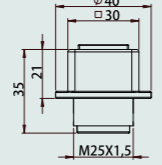

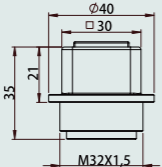
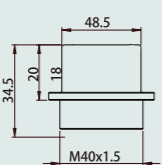

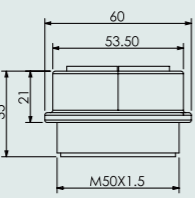
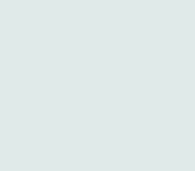
CES NG Corner wire feed sealing frame	Description	Type	Matching module	Order No	PU
		CES NG B4	Small module	600148	5
		CES NG B1	Medium module	600149	5


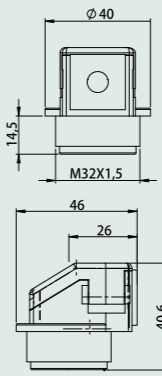

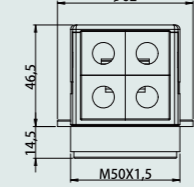
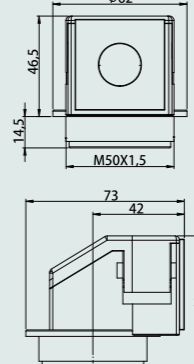

CES KPF Conical sealing sleeve	Description	Type	Bottom outer diameter (mm)	Order No	PU
  <p>Material TPE, halogen - free Color Grey Temperature -40° C to +140° C (Static state) IP rating IP66 (with gasket and correct) Flame class UL94-V0 Thread length 13mm Thread spacing 1.5 mm Advantages The large-size cold pressing end can passthrough the pagoda by material deformation.</p>		CES-KPF/M40/11-32	54	600165	5
		CES-KPF/M50/17-42	64	600166	5
		CES-KPF/M63/23-55	77	600167	5
		CES-KPF/M75/37-62	89	600601	5

CES DPF Conical sealing sleeve	Description	Type	Clamping range (mm)	Order No	PU	
 <p>Material Nylon 66,TPE, halogen - free Color Grey Temperature -40° C to +140° C IP rating IP54/IP65, (with gasket and correct) Flame class UL94-V0</p>		CES-DPF-C-SET	11-32	600168	5	
CES DPF Conical sealing sleeve	Description	Type	Clamping range (mm)	Order No	PU	
 <p>Material Nylon 66,TPE, halogen - free Color Grey Temperature -40° C to +140° C IP rating IP54/IP65, (with gasket and correct) Flame class UL94-V0</p>		CES-DPF-4A-SET	3-12	600169	5	
Annex	Description	Type	Order No	PU		
	Sealing baffle	CES BP 6	600181	5		
		CES BP 10	600182	5		
		CES BP 16	600183	5		
		CES BP 24	600184	5		
		RH 800449	600459	5		
Cable entry plates	Description	Type	Number of (mm)	Order No (grey)	Order No (black)	PU
		CES-DPZ 24/14	10x (3.2-6.5) 4x (16-22)	700000	700100	5

Cable entry plates	Description	Type	Number of cables(mm)	Order No (grey)	Order No (black)	PU
 <p>Material: TPE, PA 66, halogen-free Color: Grey, Black Temperature: -40° C to +90° C (static) IP rating: IP65/IP66 Flame class: UL94-V0 Properties: self-extinguishing, Halogen-free, silicone-free Cut-out dimensions: 36 × 112mm Product thickness: 14 mm</p>		CES-DPZ 24/15	15x (7.2-12)	700001	700101	5
		CES-DPZ 24/16	8x (3.2-6.5) 4x (5-9.7) 2x (9-16.2) 2x (16-22)	700002	700102	5
		CES-DPZ 24/17	6x (3.2-6.5) 6x (5-10.2) 5x (9-16.2)	700003	700103	5
		CES-DPZ 24/20	20x (5-10.2)	700004	700104	5
		CES-DPZ 24/24	4x (9-16.2) 8x (7.2-12) 12x (3.2-6.5)	700740	710740	5
		CES-DPZ 24/25	12x (3.2-6.5) 7x (4.8-9.7) 6x (7.5-12)	700005	700105	5
		CES-DPZ 24/32	21x (3.2-6.5) 8x (5-10.2) 3x (7.5-12)	700006	700106	5
		CES-DPZ 24/36	29x (3.2-6.5) 6x (5-10.2) 1x (16-22)	700007	700107	5
		CES-DPZ 24/42	42x (3.2-6.5)	700700	710000	5
		CES-DPZ 24/121	119x (1.5-2.6) 2x (2.5-5)	700701	710001	5

Cable entry plates	Description	Type	Number of cables(mm)	Order No (grey)	Order No (black)	PU
		CES-DPZ-E 112/7	7x (7.5-12)	700008	700108	5
<p>Material: TPE, PA 66, halogen-free Color: Grey, Black Temperature: -40° C to +90° C (static) IP rating: IP65/IP66 Flame class: UL94-V0 Properties: self-extinguishing, Halogen-free, silicone-free Cut-out dimensions: 18 × 112mm Product thickness: 14 mm</p>		CES-DPZ-E 112/21	21x (3.2-6.5)	700009	700109	5
Round cable entry plates	Type	Number of cables(mm)	Thread metric	Order No (grey)	Order No (black)	PU
 <p>Material: TPE, PA 66, halogen-free Color: Grey, Black Temperature: -40° C to +90° C (static) IP rating: IP66 Flame class: UL94-V0 Properties: self-extinguishing, Halogen-free, silicone-free Product thickness: 13mm</p>	CES-DPZ 32/7	7x (3.2-6.5)	M32*1.5	700772	710772	5
	CES-DPZ 40/8	4x (3.2-6.5) 4x (5-10.2)	M40*1.5	700013	700113	5
	CES-DPZ 50/8	5x (5-10.2) 3x (7.2-12.5)	M50*1.5	700014	700114	5
	CES-DPZ 50/10	7x (3.2-6.5) 2x (5-10.2) 1x (16-22.2)	M50*1.5	700015	700115	5
	CES-DPZ 50/12	4x (3.2-6.5) 8x (5-10.2)	M50*1.5	700016	700116	5
	CES-DPZ 50/19	19x (3.2-6.5)	M50*1.5	700017	700117	5
	CES-DPZ 50/78	76x (1.5-2.6) 2x (2.5-5)	M50*1.5	700018	700118	5
	CES-DPZ 63/9	1x (3.2-6.5) 3x (5-10.2) 4x (9-16.2) 1x (16-22.2)	M63*1.5	700019	700119	5
	CES-DPZ 63/13	4x (3.2-6.5) 4x (5-10.2) 5x (9-16.2)	M63*1.5	700020	700120	5
	CES-DPZ 63/14	14x (5-10.2)	M63*1.5	700021	700121	5
	CES-DPZ 63/35	35x (3.2-6.5)	M63*1.5	700022	700122	5
	CES-DPZ 75/Custom	Custom	M75*1.5	700702	710002	5

CES RVT Split cable glands	Description	Type	Matching module	Order No	PU
 <p>Material: Polycarbonate (PC), halogen-free Color: Grey Temperature: -30° C to +100° C IP rating: IP54/IP65 Flame class: self-extinguishing UL94-V0</p>		CES-RVT / M20	Small module	600158	5
		CES-RVT / M25	Small module	600159	5
CES RVT Split cable glands	Description	Type	Matching module	Order No	PU
 <p>Material: Polycarbonate (PC), halogen-free Color: Grey Temperature: -30° C to +100° C IP rating: IP54/IP65 Flame class: self-extinguishing UL94-V0</p>		CES-RVT / M32	Small module	600160	5
		CES-RVT / M40/2	Small module	600161	5
CES RVT Split cable glands	Description	Type	Matching module	Order No	PU
 <p>Material: Polycarbonate (PC), halogen-free Color: Grey Temperature: -30° C to +100° C IP rating: IP54/IP65 Flame class: self-extinguishing UL94-V0</p>		CES-RVT / M50 / 4	Small module	600162	5
		CES-RVT / M50 / 1	Medium module	600464	5

CES 90° Split cable glands	Description	Type	Matching module	Order No	PU
 <p>Material: Polycarbonate (PC), halogen-free Color: Grey Temperature: -30° C to +100° C IP rating: IP54/IP65 Flame class: self-extinguishing UL94-V0</p>		CES - RVT 32 - W90	Medium module	600467	10
CES 90° Split cable glands	Description	Type	Matching module	Order No	PU
 <p>Material: Polycarbonate (PC), halogen-free Color: Grey Temperature: -30° C to +100° C IP rating: IP54/IP65 Flame class: self-extinguishing UL94-V0</p>		CES - RVT 50 / 4 - W90	Small module	600468	10
		CES - RVT 50 / 1 - W90	Medium module	600469	10
Split locknut	Description	Type	Thickness (mm)	Order No	PU
 <p>Material: PA6 Color: Black Temperature: -30° C to +100° C IP rating: IP54 Flame class: UL94-V0</p>	Split locknut	CES - GMT20	8	600470	10
	Split locknut	CES - GMT25	8	600471	10
	Split locknut	CES - GMT32	12	600472	10
	Split locknut	CES - GMT40	12	600473	10
	Split locknut	CES - GMT50	15	600474	10

CES Bulkhead fittings for conduit screw connections



The 90° angled conduit fitting CONFIX FWS is for installation of parallel corrugated cable protection, conduits, e.g. in machines, control panels or control cabinets. The liftable cover is tightly fixed by a hinge. Suitable for corrugated pipe diameters with different sizes



1 Fix



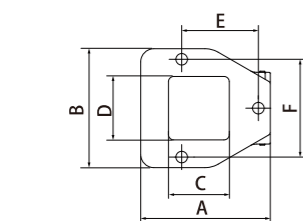
2 Insert

Secure CES - FWS with screws, introduce pipes with cables, and secure and seal with screws. IP rating: IP54

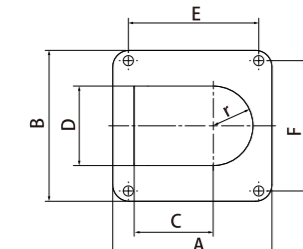


3 Lock

CES Bulkhead fittings for conduit screw connections



Size / Drilling template FWS-AD 14 to 28.5

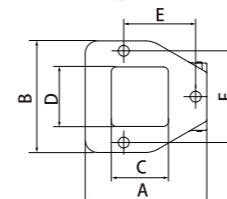


Size / Drilling template FWS-AD 32 to 54.5

Material: Polycarbonate (PC)
 Temperature: -30° C to +100° C (static)
 IP rating: IP54
 Flame class: UL94-V0, self-extinguishing
 Properties Custom: Halogen free, silicone free
 The diameter and size of the compression bellows opening can be customized

Type	Hole φ [mm]	Size (AXB)[mm]	Cut-out (CXD)[mm]	Drill Templ (EXF)[mm]	Order No	PU
CES - FWS-AD14 CES - FWS-AD15.8	3×4.3	49×45	22×26.5	29.0×37.0	601475 600475	10
CES - FWS-AD20 CES - FWS-AD21.2	3×4.3	49×45	22×26.5	29.0×37.0	601476 600476	10
CES - FWS-AD25 CES - FWS-AD28.5	3×4.3	67×63	37×28	41.5×51.5	601477 600477	10
CES - FWS-AD32 CES - FWS-AD34.5	4×6.6	85.5×76	41.9 × 40 r=20	64.5 × 64.5	601478 600478	10
CES - FWS-AD42 CES - FWS-AD42.5	4×6.6	97×92	48.3 × 48.4 r=24.2	79.5 × 79.5	601479 600479	5
CES - FWS-AD54 CES - FWS-AD54.5	4×6.6	111.5×100.5	53 × 60.5 r=30.25	87.5 × 87.5	601480 600480	5

CES Bulkhead fittings for conduit screw connections



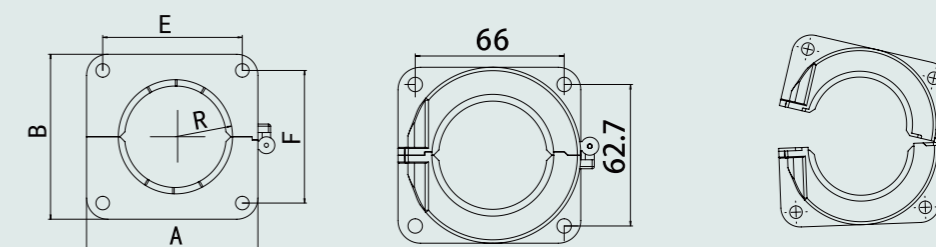
Size / Drilling template FWS-M16 to 50

The opening size is consistent with CES-FWS-AD

Material: Polycarbonate (PC)
 Temperature: -30° C to +100° C (static)
 IP rating: IP54
 Flame class: UL94-V0, self-extinguishing
 Properties Custom: Halogen free, silicone free
 The diameter and size of the compression bellows opening can be customized

Type	Hole φ [mm]	Size (AXB)[mm]	Cut-out (CXD)[mm]	Drill Templ (EXF)[mm]	Order No	PU
CES-FWS-M16	3*4.3	49*45	22*26.5	29*37	700710	10
CES-FWS-M20	3*4.3	49*45	22*26.5	29*37	700711	10
CES-FWS-M25	3*6.6	67*63	37*28	41.5*51.5	700712	10
CES-FWS-M32	4*6.6	85.5*76	41.9*40 r=20	64.5*64.5	700713	10
CES-FWS-M40	4*6.6	97*92	48.3*48.4 r=24.2	79.5*79.5	700714	10
CES-FWS-M50	4*6.6	111.5*100.5	53*60.5 r=30.25	87.5*87.5	700715	10

CES Straight head of through-wall fixator


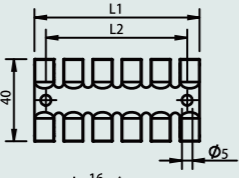

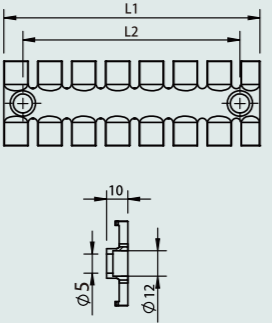

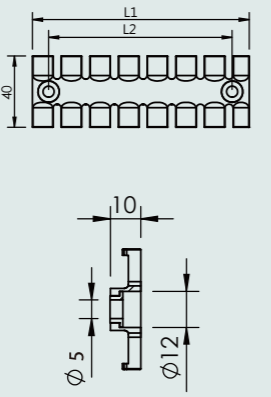




CES Straight head of through-wall fixator




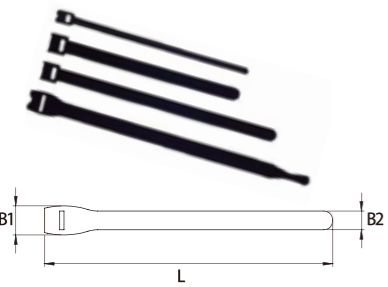
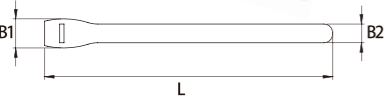
Material: Polycarbonate (PC)
 Temperature: -30° C to +100° C (static)
 IP rating: IP54
 Flame class: UL94-V0, self-extinguishing
 Properties Custom: Halogen free, silicone free
 The diameter and size of the compression bellows opening can be customized

Type	Hole φ [mm]	Size (AXB)[mm]	Cut-out R [mm]	Drill Templ (EXF)[mm]	Order No	PU
CES-FZS-AD54.5	4*6.6	81*78	r=27	66*62.7	700716	5

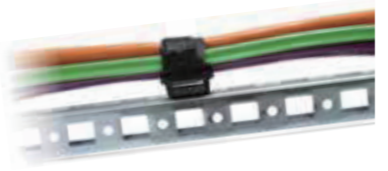
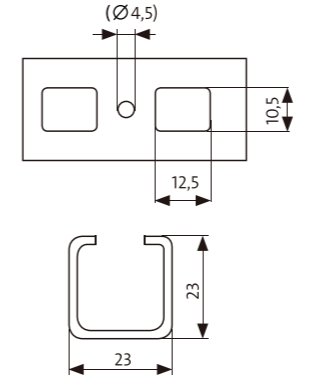
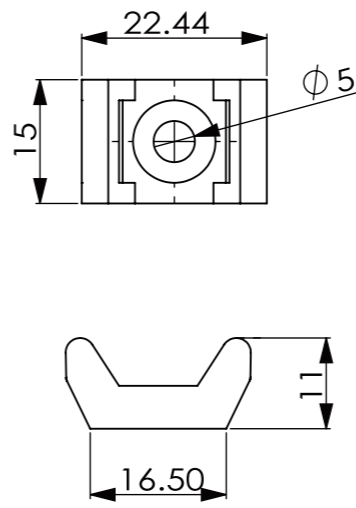
CES ZD Strain relief plates for screw assembly		Description	Type	No of teeth	Order No	PU
 <p>Material: Nylon, halogen-free Color: Black Temperature: -40° C to +140° C Flame class: UL94-V0</p>		CES-ZD80 (L1: 79, L2: 68)		6	600131	10
		CES-ZD140 (L1: 139, L2: 128)		9	600132	10
CES ZL Strain relief plates for screw assembly		Description	Type	No of teeth	Order No	PU
 <p>Material: Nylon, halogen-free Color: Black Temperature: -40° C to +140° C Flame class: UL94-V0 lashing eye: Plastic</p>		CES-ZL39 (L1:38.5, L2:19.5)		3	700800	10
		CES-ZL60 (L1: 59.5, L2: 43.5)		4	700801	10
		CES-ZL70 (L1: 69.1, L2: 43.5)		5	700802	10
		CES-ZL87 (L1: 86.5, L2: 68)		6	600481	10
		CES-ZL103 (L1: 102.5, L2: 84)		7	700803	10
		CES-ZL121 (L1: 121, L2: 102.5)		8	700804	10
		CES-ZL140 (L1: 139.5, L2: 121)		9	600482	10
		CES-ZL180 (L1: 180, L2: 157)		12	600483	10
CES ZL-M Strain relief plates for screw assembly		Description	Type	No of teeth	Order No	PU
 <p>Material: Nylon, halogen-free Color: Black Temperature: -40° C to +140° C Flame class: UL94-V0 lashing eye: Metal</p>		CES-ZL39-M (L1:38.5, L2:19.5)		3	700805	10
		CES-ZL60-M (L1: 59.5, L2: 43.5)		4	700806	10
		CES-ZL70-M (L1: 69.1, L2: 43.5)		5	700807	10
		CES-ZL87-M (L1: 86.5, L2: 68)		6	700773	10
		CES-ZL103-M (L1: 102.5, L2: 84)		7	700808	10
		CES-ZL121-M (L1: 121, L2: 102.5)		8	700809	10
		CES-ZL140-M (L1: 139.5, L2: 121)		9	700774	10
		CES-ZL180-M (L1: 180, L2: 157)		12	700775	10


SFN-NRG Standard corrugated conduits		Type	External *Internal [mm*mm]	Order No (grey) (black)	PU	
 <p>Material: PA6, PE, PP Color: Black, Grey Temperature: PA6: -40° C to +115° C, PE: -50° C to +80° C, PP: -40° C to +110° C Flame class: Custom Standard bellows can be cut into individual bellows according to customer's requirements.</p>	SFN-NRG-10.0	6.5*10.0	600484 601484	100		
	SFN-NRG-13.0	10.0*13.0	600485 601485	100		
	SFN-NRG-15.8	12.0*15.8	600486 601486	100		
	SFN-NRG-18.5	14.3*18.5	600487 601487	100		
	SFN-NRG-20.0	16.0*20.0	600488 601488	50		
	SFN-NRG-21.2	17.0*21.2	600489 601489	50		
	SFN-NRG-25.0	21.0*25.0	600490 601490	50		
	SFN-NRG-28.5	23.0*28.5	600491 601491	50		
	SFN-NRG-30.0	25.0*30.0	600492 601492	25		
	SFN-NRG-34.5	29.0*34.5	600493 601493	25		
	SFN-NRG-42.5	36.0*42.5	600494 601494	25		
SFN-NRG-54.5	48.0*54.5	600495 601495	25			
SFN-NRG Split double - splicing corrugated conduits		Type	External *Internal [mm*mm]	minimum bending radius	Order No	PU
 <p>Material: PA6, PE, PP Color: Black Temperature: PA6: -40° C to +115° C, PE: -50° C to +80° C, PP: -40° C to +110° C Flame class: UL94-V0</p>	SFN-NRGP-14	8.9*13.8	55	600499	100	
	SFN-NRGP-20	12.8*18.7	75	600500	100	
	SFN-NRGP-25	20*25.8	105	600501	100	
	SFN-NRGP-32	24.8*31.4	125	600502	100	
	SFN-NRGP-42	31.4*41.9	170	600503	100	
	SFN-NRGP-54	43.3*54.9	190	600504	100	


CES Hook-and-loop cable ties	Type	L	Size [mm]		Order No	PU
			B1	B2		
	CES-LKB 200 x 7 bk	200	13	7	600514	100
	CES-LKB 200 x 13 bk	200	20	13	600515	100


CES Hook-and-loop cable ties	Type	L	Size [mm]		Order No	PU
			B1	B2		
 	CES-LKB 230 x 13 bk	230	20	13	600516	100
	CES-LKB 300 x 17 bk	300	25	17	600517	100


CES Hook-and-loop cable ties	Type	Size [mm]	Order No	PU
Material: Polypropylene + Velours PA Color: Black Temperature: -30° C to +80° C	CES-LB 10bk	10	600519	25 m
	CES-LB 15 bk	15	600520	25 m
	CES-LB 20bk	20	600521	25 m
	CES-LB 25bk	25	600542	25m

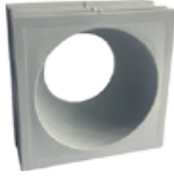
CES Holder for hook-and-loop fastener(screwable)	Description	Type	Fits LKB/LB	Order No	PU
  23x23mm (mounting rail)		CES-BH-BR	LKB 200 x7 LKB 200 x13 LB 10 LB 15	600522	100
			CES-BH-SB	LKB 200 x 7 LB 10	600523
 Material: Nylon 66, halogen-free Color: Black Temperature: -40° C to +140° C Flame class: UL94-V0					

CES Small module	Clamping range (mm)	Type	Order No		PU
			(grey)	(black)	
 <p>Material TPE, halogen - free Color Grey, Black Temperature -40° C to +140° C IP rating IP54/IP65, (with gasket and correct) Flame class UL94-V0 Resistance to pulling Strong</p>	2-3	CES 2	600302	601302	5
	3-4	CES 3	600303	601303	5
	4-5	CES 4	600304	601304	5
	5-6	CES 5	600305	601305	5
	6-7	CES 6	600306	601306	5
	7-8	CES 7	600307	601307	5
	8-9	CES 8	600308	601308	5
	9-10	CES 9	600309	601309	5
	10-11	CES 10	600310	601310	5
	11-12	CES 11	600311	601311	5
	12-13	CES 12	600312	601312	5
	13-14	CES 13	600313	601313	5
	14-15	CES 14	600314	601314	5
	15-16	CES 15	600315	601315	5
	16-17	CES 16(S)	600316(S)	601316(S)	5


CES medium module	Clamping range (mm)	Type	Order No		PU
			(grey)	(black)	
 <p>Material TPE, halogen - free Color Grey, Black Temperature -40° C to +140° C IP rating IP54/IP65, (with gasket and correct) Flame class UL94-V0 Resistance to pulling Strong</p>	16-17	CES 16(M)	600316(M)	601316(M)	5
	17-18	CES 17	600317	601317	5
	18-19	CES 18	600318	601318	5
	19-20	CES 19	600319	601319	5
	20-21	CES 20	600320	601320	5
	21-22	CES 21	600321	601321	5
	22-23	CES 22	600322	601322	5
	23-24	CES 23	600323	601323	5
	24-25	CES 24	600324	601324	5
	25-26	CES 25	600325	601325	5
	26-27	CES 26	600326	601326	5
	27-28	CES 27	600327	601327	5
	28-29	CES 28	600328	601328	5
	29-30	CES 29	600329	601329	5
	30-31	CES 30	600330	601330	5
	31-32	CES 31	600331	601331	5
	32-33	CES 32	600332	601332	5
	33-34	CES 33	600333	601333	5
34-35	CES 34	700770	710770	5	

CES Special module (Small module)	Clamping range (mm)	Type	Order No		PU
			(grey)	(black)	
 <p>Material TPE, halogen - free Color Grey, Black Temperature -40° C to +140° C IP rating IP54/IP65, (with gasket and correct) Flame class UL94-V0 Resistance to pulling Strong</p>	2xø3	CES 2/3	600334	601334	5
	2xø4	CES 2/4	600335	601335	5
	2xø5	CES 2/5	600336	601336	5
	2xø6	CES 2/6	600337	601337	5
	2xø7	CES 2/7	600338	601338	5
	2xø8	CES 2/8	600339	601339	5
	4xø3	CES 4/3	600340	601340	5
	4xø4	CES 4/4	600341	601341	5
	4xø5	CES 4/5	600342	601342	5
	4xø6	CES 4/6	600343	601343	5
	4xø7	CES 4/7	700730	710010	5


Perforation, wide cable range	Type	Size	Clamping range (mm)	Order No		PU
				(grey)	(black)	
 <p>Material TPE, halogen - free Color Grey, Black Temperature -40° C to +140° C IP rating IP54/IP65, (with gasket and correct) Flame class UL94-V0 Resistance to pulling Medium</p>	KTMB 6.5	CES Small module	2.5 - 6.5	600527	601527	5
	KTMB 7.5	CES Small module	4 - 7.5	600528	601528	5
	KTMB 10	CES Small module	6.5 - 10	600529	601529	5
	KTMB 13	CES Small module	9.5 - 13	600530	601530	5
	KTMB 16	CES Small module	13 - 16	600531	601531	5

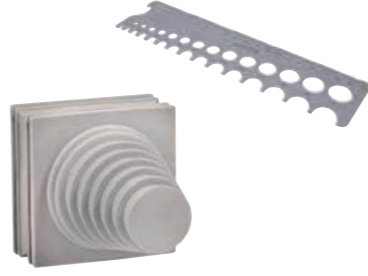
Perforation,wide cable range	Type	Size	Clamping range (mm)	Order No (grey)	Order No (black)	PU
 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Resistance to pulling: Medium</p>	KTMB 18	CES Medium module	13 - 18	600533	601533	5
	KTMB 23	CES Medium module	18 - 23	600534	601534	5
	KTMB 28	CES Medium module	23 - 28	600535	601535	5
	KTMB 33	CES Medium module	28 - 33	600536	601536	5

Perforation,wide cable range	Type	Size	Clamping range (mm)	Order No (grey)	Order No (black)	PU
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 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Resistance to pulling: Medium</p>	KTMB2x18	CES Medium module	2× 13 - 18	600537	601537	5
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Perforation,wide cable range	Type	Size	Clamping range (mm)	Order No (grey)	Order No (black)	PU
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 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Resistance to pulling: Medium</p>	CES-DPF-A	CES Small module	3 - 12	600532	601532	5
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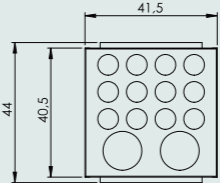
Perforation,wide cable range	Type	Size	Clamping range (mm)	Order No (grey)	Order No (black)	PU
 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Resistance to pulling: Medium</p>	CES-DPF-B	CES Medium module	4 - 18	600538	601538	5
	CES-DPF-C	CES Medium module	11 - 32	600539	601539	5
	CES-DPF-D	CES Medium module	14 - 26	600540	601540	5




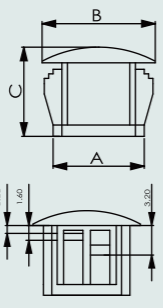
Perforation,Ultra - wide cable range	Type	Size	Clamping range (mm)	Order No (grey)	Order No (black)	PU
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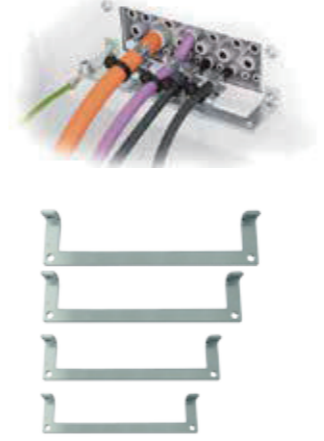
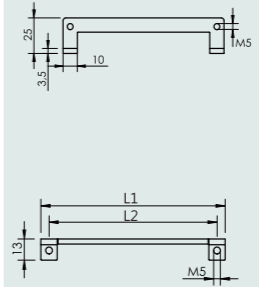
 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Resistance to pulling: Medium Security extension: 200~400%(Working state) Limit extension: 500%(short time)</p>	S-KTMB 2	CES Small module	3-8	600543	601543	5
	S-KTMB 3	CES Small module	5-12	600544	601544	5
	S-KTMB 4	CES Small module	7-16	600545	601545	5
	S-KTMB 5	CES Small module	9-16	600546	601546	5
	S-KTMB 6	CES Small module	10-16	600547	601547	5
	S-KTMB 7	CES Small module	11-16	600548	601548	5
	S-KTMB 8	CES Small module	12-16	600549	601549	5
	S-KTMB 9	CES Small module	13-16	600550	601550	5


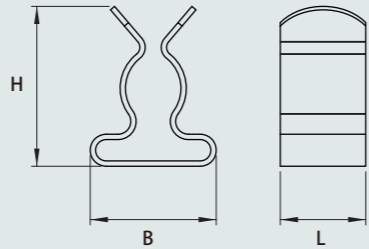
Perforation, Ultra - wide cable range	Type	Size	Clamping range (mm)	Order No (grey)	Order No (black)	PU
 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Resistance to pulling: Medium Security extension: 200~400%(Working state) Limit extension: 500%(short time)</p>	S-SKTMB 4	CES Medium module	7-16	600551	601551	5
	S-SKTMB 5	CES Medium module	9-20	600552	601552	5
	S-SKTMB 6	CES Medium module	10-24	600553	601553	5
	S-SKTMB 7	CES Medium module	11-28	600554	601554	5
	S-SKTMB 8	CES Medium module	12-32	600555	601555	5
	S-SKTMB 9	CES Medium module	13-33	600556	601556	5
	S-SKTMB 10	CES Medium module	14-33	600557	601557	5
	S-SKTMB 11	CES Medium module	15-33	600558	601558	5
	S-SKTMB 12	CES Medium module	16-33	600559	601559	5


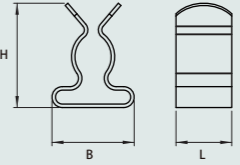



Tapered suit module	Type	Size	Clamping range (mm)	Order No (grey)	Order No (black)	PU
 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Resistance to pulling: Strong</p> <p>The maximum threading diameter of the module in the base is 26 mm.</p>	COSET 2	CES Medium module	2-3	600560	601560	5
	COSET 3	CES Medium module	3-4	600561	601561	5
	COSET 4	CES Medium module	4-5	600562	601562	5
	COSET 5	CES Medium module	5-6	600563	601563	5
	COSET 6	CES Medium module	6-7	600564	601564	5
	COSET 7	CES Medium module	7-8	600565	601565	5
	COSET 8	CES Medium module	8-9	600566	601566	5
	COSET 9	CES Medium module	9-10	600567	601567	5
	COSET 10	CES Medium module	10-11	600568	601568	5
	COSET 11	CES Medium module	11-12	600569	601569	5
	COSET 12	CES Medium module	12-13	600570	601570	5
	COSET 13	CES Medium module	13-14	600571	601571	5




CES DT Cable grommets, multi-range	Description	Type	Number of cables	Order No (grey)	Order No (black)	PU
 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0 Resistance to pulling: Medium</p> <p>The DT cable grommets are designed for cables without preassembled connectors.</p>		CES - DT1	12*max.6.5mm 2*max.12.2mm	600460	601460	10
		CES - DT2	16*max.7.1mm	600461	601461	10
		CES - DT3	4*max.6.5mm 3*max.9.5mm 3*max.11.3mm	600462	601462	10
		CES - DT4	9*max.9.5mm	600463	601463	10


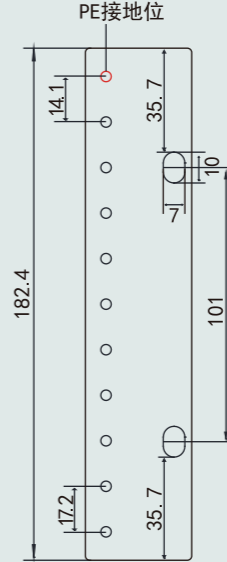

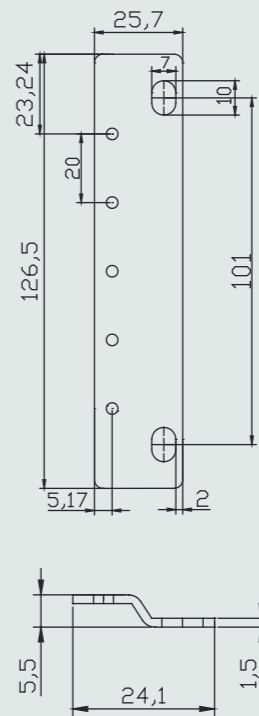
CES Transformation module		Description	Type	Order No (grey) (black)		PU		
 <p>Material: TPE, halogen - free Color: Grey, Black Temperature: -40° C to +140° C IP rating: IP54/IP65, (with gasket and correct) Flame class: UL94-V0</p>	Size module conversion	CES BSA	600344	601344	5			
	Solid core small module	CES BSG	600345	601345	5			
	Solid core Medium module	CES BBG	600346	601346	5			
CES Plugs for cable grommets		Type	Diameter [mm]	Length [mm]	Order No	PU		
 <p>Material: Nylon, halogen - free Color: White Flame class: UL94-V0</p>	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			
	Umbrella plug for cable grommets		Description	Type	Size(mm) A B C			Order No
 <p>Material: PA Color: Black</p>		ST-B 5	4.92	6.8	7.6	700720	5	
	ST-B 6	5.95	7.9	7.7	700721	5		
	ST-B 8	8.0	11.0	8.00	700771	5		
	ST-B 10	9.5	13.5	10.5	700722	5		
	ST-B 13	12.7	16.5	10.5	700723	5		
	ST-B 16	15.9	19.5	10.3	700724	5		
	ST-B 22	22.2	26	11.3	700725	5		


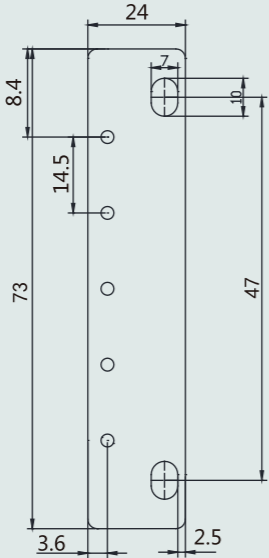
Electromagnetic protective accessories		Description	Type	Order No	PU		
 <p>Material: Stainless steel</p>	Electromagnetic interference prevention	CES EMV 6-2	600418	5			
	CES EMV 10-3	600419	5				
	CES EMV 16-4	600420	5				
	CES EMV 24-5	600421	5				
	CES EMV-F	600422	5				
CES EMC HL Bracket		Description	Type	Length(mm) L1 L2		Order No	PU
 <p>Material: Steel, zinc plated</p> <p>Advantages: Supports a wide range of cable and wire sizes; Large surface contact of the cable shield; Permanent spring pressure on the cable shield; Fast and easy assembly</p>		CES 6-EMC-HL	68	58	700023	5	
	CES 10-EMC-HL	93	83	700024	5		
	CES 16-EMC-HL	113	103	700025	5		
	CES 24-EMC-HL	140	130	700026	5		


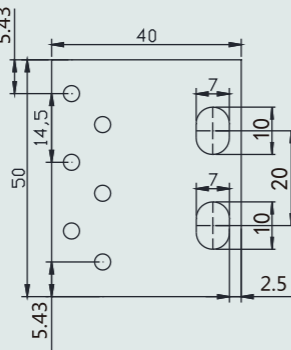
CES-SKL EMC Shield clamps		Type	Clamping range (mm)	Dimensions L×B×H (mm)	Fixing hole (mm)	Order No	PU
	CES-SKL 1.5-3		1.5-3	8 × 11.8 × 13	3.1	7007780	50
	CES-SKL 3-6		3-6	8 × 11.8 × 13.6	3.1	7007781	50
	CES-SKL 6-8		6-8	8 × 11.8 × 15	3.1	7007782	50
	CES-SKL 8-11		8-11	8 × 14 × 20	3.1	7007783	50
	CES-SKL 11-17		11-17	8 × 21 × 27.5	3.1	7007784	50
Material	Clamp—Spring steel, zinc plated						
Advantage	Large contact area; Easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield; Shock and vibration resistant, maintenance free; Designed for high density applications						
Custom	Various sizes and matching bases can be customized according to the customer's requirements.						
							



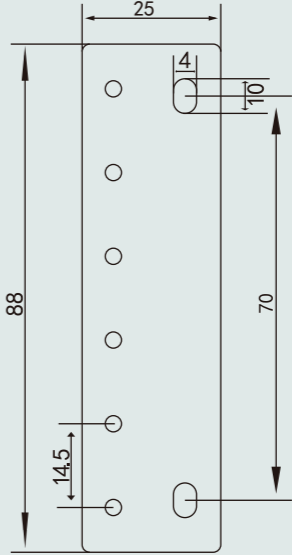
CES-MSKL EMC Shield clamps with large clamping range		Type	Clamping range (mm)	Dimensions L×B×H (mm)	Fixing hole (mm)	Order No	PU
	CES-MSKL 3-12		3-12	8 × 15.1 × 20.5	3.2	700787	50
							
CES-MSKL EMC Shield clamps with large clamping range		Type	Clamping range (mm)	Fixing hole (mm)	Order No	PU	
	CES-LFZ-M MSKL 3-12		3-12	4.2	700788	10	
CES-MSKL EMC Shield clamps with large clamping range		Type	Clamping range (mm)	Fixing hole (mm)	Order No	PU	
	CES-LF MSKL 3-12		3-12	4.2	700789	10	
CES-MSKL EMC Shield clamps with large clamping range		Type	Clamping range (mm)	Order No	PU		
	CES-SFZ-M MSKL 3-12		3-12	700790	10		


CES-MSKL EMC Shield clamps with large clamping range	Type	Clamping range (mm)	Order No	PU
 <p>MSKL for snap mounting on 35 mm DIN rail shape H without strain relief</p>	CES-SF MSKL 3-12	3-12	700791	10
CES-MSKL EMC Shield clamps with large clamping range	Type	Clamping range (mm)	Order No	PU
 <p>MSKL for snap mounting on 10 x 3 mm bus bars with strain relief</p> <p>Material : Clamp—Spring steel,zinc plated Foot—Sheet steel,galvanically zinc plated</p> <p>Advantage : Large clamping areas, therefore less product sizes needed to cover a large cable diameterrange; Space-saving design, even when fully assembled ; Large contact area; Simple mounting, easy assembly; Partially with integrated strain relief; The spring design requires no adjustments and will permanently maintain contact to the cable shield; Shock and vibration resistant, maintenance free.</p>	CES-PFSZ-M MSKL 3-12	3-12	700792	10
CES-MSKL EMC Shield clamps with large clamping range	Type	Clamping range (mm)	Order No	PU
 <p>MSKL for snap mounting on 10 x 3 mm bus bars without strain relief</p> <p>Material : Clamp—Spring steel,zinc plated Foot—Sheet steel,galvanically zinc plated</p> <p>Advantage : Large clamping areas, therefore less product sizes needed to cover a large cable diameterrange; Space-saving design, even when fully assembled ; Large contact area; Simple mounting, easy assembly; Partially with integrated strain relief; The spring design requires no adjustments and will permanently maintain contact to the cable shield; Shock and vibration resistant, maintenance free.</p>	CES-PFS-M MSKL 3-12	3-12	700793	10


EMC Clamp assembly	Description	Type	Number of shield clamps	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Stainless steel</p> <p>Advantage Designed for high density applications</p> <p>Custom It can be customized according to the customer's requirements</p>		CES-KLF10/182.4 (3-6)	10	700027	5
		CES-KLF10/182.4 (6-8)	10	700028	5
		CES-KLF10/182.4 (8-11)	10	700029	5
EMC Clamp assembly	Description	Type	Number of shield clamps	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Stainless steel</p> <p>Advantage Designed for high density applications</p> <p>Custom It can be customized according to the customer's requirements</p>		CES-KLF5/126.5 (3-6)	5	600575	5
		CES-KLF5/126.5 (6-8)	5	600576	5
		CES-KLF5/126.5 (8-11)	5	600577	5


EMC Clamp assembly	Description	Type	Number of shield clamps	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Stainless steel</p> <p>Advantage Designed for high density applications</p> <p>Custom It can be customized according to the customer's requirements</p>		CES-KLF5/73 (3-6)	5	600665	5
		CES-KLF5/73 (6-8)	5	600666	5
		CES-KLF5/73 (8-11)	5	600667	5


EMC Clamp assembly	Description	Type	Number of shield clamps	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Stainless steel</p> <p>Advantage Designed for high density applications</p> <p>Custom It can be customized according to the customer's requirements</p>		CES-KLF5/50 (3-6)	6	600668	5
		CES-KLF5/50 (6-8)	6	600669	5
		CES-KLF5/50 (8-11)	6	600670	5

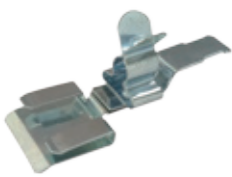
EMC Clamp assembly	Description	Type	Order No	PU
  <p>Material Clamp—Spring steel, zinc plated Foot—Stainless steel</p> <p>Advantage With strain relief Designed for high density applications</p> <p>Custom It can be customized according to the customer's requirements</p>		CES-TSC-RLFZ/88 (1.5-3)	700033	5
		CES-TSC-RLFZ/88 (3-6)	700030	5
		CES-TSC-RLFZ/88 (6-8)	700031	5
		CES-TSC-RLFZ/88 (8-11)	700032	5


SFZ/SKL EMC Shield clamps	Type	Shield diameter [mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Advantage With strain relief Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield ; Designed for high density applications; Shock and vibration resistant, maintenance free; It is suitable for shielding a single cable, is simple and easy to use, and can effectively shield electromagnetic interference; For assembly on 35 mm DIN rails.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-SFZ/SKL 1.5-3	1.5-3	600602	5
	CES-SFZ/SKL 3-6	3-6	600572	5
	CES-SFZ/SKL 6-8	6-8	600573	5
	CES-SFZ/SKL 9-11	9-11	600574	5
	CES-SFZ/SKL 12-16	12-16	600603	5
	CES-SFZ/SKL 17-22	17-22	600604	5
CES-SFZ/SKL 23-29	23-29	600605	5	


SF/SKL EMC Shield clamps	Type	Shield diameter [mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Advantage Integrated strain relief; Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield ; Designed for high density applications; Shock and vibration resistant, maintenance free; For assembly on 35 mm DIN rails.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-SF/SKL 1.5-3	1.5-3	600607	5
	CES-SF/SKL 3-6	3-6	600608	5
	CES-SF/SKL 6-8	6-8	600609	5
	CES-SF/SKL 8-11	8-11	600610	5
	CES-SF/SKL 12-16	12-16	600611	5
	CES-SF/SKL 17-22	17-22	600612	5
CES-SF/SKL 23-29	23-29	600613	5	


SPS/SKL EMC Shield clamps	Type	Shield diameter [mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Advantage Integrated strain relief; Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield ; Designed for high density applications; Shock and vibration resistant, maintenance free; For assembly on 35 mm DIN rails.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-SPS/SKL 1.5-3	1.5-3	600614	5
	CES-SPS/SKL 3-6	3-6	600615	5
	CES-SPS/SKL 6-8	6-8	600616	5

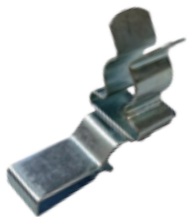
PF/SKL EMC Shield clamps	Type	Shield diameter [mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Advantage Integrated strain relief; Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield ; Designed for high density applications; Shock and vibration resistant, maintenance free; Mounted by snapping on a 10 × 3 mm bus bar.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-PF/SKL 1.5-3	1.5-3	600626	5
	CES-PF/SKL 3-6	3-6	600627	5
	CES-PF/SKL 6-8	6-8	600628	5
	CES-PF/SKL 8-11	8-11	600629	5
	CES-PF/SKL 12-16	12-16	600630	5
	CES-PF/SKL 17-22	17-22	600631	5
CES-PF/SKL 23-29	23-29	600632	5	

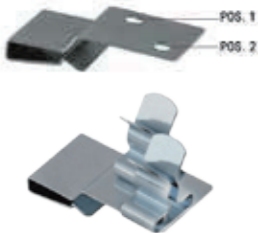
PFZ/SKL EMC Shield clamps	Type	Shield diameter [mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Advantage Integrated strain relief; Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield ; Designed for high density applications; Shock and vibration resistant, maintenance free; Mounted by snapping on a 10 × 3 mm bus bar.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES -PFZ/SKL 1.5-3	1.5-3	600633	5
	CES -PFZ/SKL 3-6	3-6	600634	5
	CES -PFZ/SKL 6-8	6-8	600635	5
	CES -PFZ/SKL 8-11	8-11	600636	5

PFSZ/SKL EMC Shield clamps	Type	Shield diameter [mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Advantage Integrated strain relief; Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield ; Designed for high density applications; Shock and vibration resistant, maintenance free; Mounted by snapping on a 10 × 3 mm bus bar.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-PFSZ/SKL 1.5-3	1.5-3	600671	5
	CES-PFSZ/SKL 3-6	3-6	600672	5
	CES-PFSZ/SKL 6-8	6-8	600673	5
	CES-PFSZ/SKL 8-11	8-11	600674	5

LFZ/SKL EMC Shield clamps	Type	Shield diameter [mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Fixing hole 4.2mm</p> <p>Advantage Integrated strain relief; Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield ; Designed for high density applications; Shock and vibration resistant, maintenance free; Mounted by snapping on a 10 × 3 mm bus bar.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES -LFZ/SKL 1.5-3	1.5-3	600646	5
	CES -LFZ/SKL 3-6	3-6	600647	5
	CES -LFZ/SKL 6-8	6-8	600648	5
	CES -LFZ/SKL 8-11	8-11	600649	5
	CES -LFZ/SKL 12-16	12-16	600650	5
	CES -LFZ/SKL 17-22	17-22	600651	5
	CES -LFZ/SKL 23-29	23-29	600652	5


LF/SKL EMC Shield clamps	Type	Shield diameter [mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Fixing hole 4.2mm</p> <p>Advantage Integrated strain relief; Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield ; Designed for high density applications; Shock and vibration resistant, maintenance free; Mounted by snapping on a 10 × 3 mm bus bar.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES -LF/SKL 1.5-3	1.5-3	600653	5
	CES -LF/SKL 3-6	3-6	600654	5
	CES -LF/SKL 6-8	6-8	600655	5
	CES -LF/SKL 8-11	8-11	600656	5
	CES -LF/SKL 12-16	12-16	600657	5
	CES -LF/SKL 17-22	17-22	600658	5
	CES -LF/SKL 23-29	23-29	600659	5


TW/RL EMC Shield clamps	Type	Shield diameter [mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Advantage Integrated strain relief; Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield; Designed for high density applications; Shock and vibration resistant, maintenance free; Mounted by snapping on a 10 × 3 mm bus bar.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES -TW/RL 1.5-3	1.5-3	600617	5
	CES -TW/RL 3-6	3-6	600618	5
	CES -TW/RL 6-8	6-8	600619	5
	CES -TW/RL 8-11	8-11	700903	5
	CES -TW/RL 12-16	12-16	700904	5


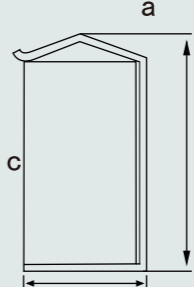
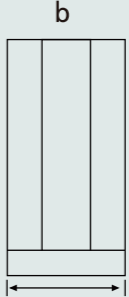
TW2/RL EMC Shield clamps	Type	Shield diameter POS.1[mm]	Shield diameter POS.2[mm]	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Spring steel</p> <p>Advantage Integrated strain relief; Large contact area; Simple and tool-free mounting, easy assembly; The spring design requires no adjustments and will permanently maintain contact to the cable shield; Designed for high density applications; Shock and vibration resistant, maintenance free; Mounted by snapping on a 10 × 3 mm bus bar.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES -TW2/RL 1.5-3	1.5-3	1.5-3	600637	5
	CES -TW2/RL 3-6	3-6	3-6	600638	5
	CES -TW2/RL 6-8	6-8	6-8	600639	5
	CES -TSC2/RL 0306	1.5-3	3-6	600640	5
	CES -TSC2/SKL 0308	1.5-3	6-8	600641	5
	CES -TSC2/SKL 0603	3-6	1.5-3	600642	5
	CES -TSC2/SKL 0608	3-6	6-8	600643	5
	CES -TSC2/SKL 0803	6-8	1.5-3	600644	5
	CES -TSC2/SKL 0806	6-8	3-6	600645	5


EMC Shield brackets	Type	Shield diameter [mm]	Dimensions (mm)	Order No	PU
 <p>Material Bracket—steel, nickel plate Foot—Spring steel</p> <p>Advantage Mounted by snapping on a 10 × 3 mm bus bar. The shielded line is mounted under the confluence bar;</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-TSC 2*2-6	2-6	15*18*24	700200	5
	CES-TSC 3-8	3-8	13*18*26	700201	5
	CES-TSC 4-13.5	4-13.5	20*20.5*31.5	700203	5
	CES-TSC 10-20	10-20	25*26*40	700204	5
	CES-TSC 15-32	15-32	36*32*63.9	700205	5

EMC Shield brackets	Type	Shield diameter [mm]	Dimensions (mm)	Order No	PU
 <p>Material Bracket—steel, nickel plate Foot—Spring steel</p> <p>Advantage Mounted by snapping on a 10 × 3 mm bus bar. The shielded line is mounted on the confluence bar;</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-TSC 01	3-10	18*13.2*32	700206	5
	CES-TSC 02	4-15	18*21.1*41.6	700207	5
	CES-TSC 03	10-20	25*24*45	700208	5
	CES-TSC 04	15-28	25*32*56	700209	5
	CES-TSC 05	20-37	32*42.7*64.5	700210	5

EMC Shield brackets	Type	Shield diameter [mm]	Dimensions (mm)	Order No	PU
 <p>Material Bracket—steel, nickel plate Foot—Spring steel</p> <p>Advantage Direct installation of the floor</p> <p>Installation size Fastening screw M4</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-TSC 3-8 CPF	3-8	13.5*18*26	700211	5
	CES-TSC 4-13.5 CPF	4-13.5	20*20.3*31.4	700212	5
	CES-TSC 10-20 CPF	10-20	24.8*26*40	700213	5
	CES-TSC 15-32 CPF	15-32	36*32*64	700214	5

EMC Shield brackets	Type	Shield diameter [mm]	Dimensions (mm)	Order No	PU
 <p>Material Bracket—steel, nickel plate Foot—Spring steel</p> <p>Advantage For C orbits</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-TSC 3-8 SC	3-8	13.5*18*26	700215	5
	CES-TSC 4-13.5 SC	4-13.5	20*20.3*31.4	700216	5
	CES-TSC 10-20 SC	10-20	24.8*26*40	700217	5
	CES-TSC 15-32 SC	15-32	36*32*64	700218	5

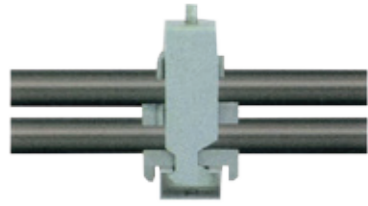
EMC Shield brackets	Description	Type	Shield diameter [mm]	Dimensions (mm)	Order No	PU
 <p>Material Bracket—steel, nickel plate Foot—Spring steel</p> <p>Advantage Easy to install on the guide rail of 35mm</p> <p>Custom It can be customized according to the customer's requirements</p>		CES-SK 3-8	3-8	13.7*18.6*26	600578	5
		CES-SK 4-13.5	4-13.5	20*20*31.5	600580	5
		CES-SK 10-20	10-20	25*26*40	700221	5
		CES-SK 15-32	15-32	38*32*63	700222	5

Busbar mounting type shield brackets	Type	Shield diameter [mm]	Order No	PU
 <p>Material Bracket—steel, nickel plate Foot—Spring steel</p> <p>Advantage Mounted by snapping on a 10 × 3 mm bus bar.</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-TSC 1.5-6.5	1.5-6.5	700227	5
	CES-TSC 5-11	5-11	700228	5
	CES-TSC 10-17	10-17	700229	5

CES-SKS EMC Shield brackets	Type	Shield diameter [mm]	Dimensions (mm)	Order No	PU
 <p>Material Bracket—Spring steel, zinc plated Foot—Spring steel</p> <p>Advantage Single SKS shielded ground terminals can use many cables. Easy to install on the 10*3mm's confluence</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-SKS 2-5	2-5	9*19.5*47	600675	10
	CES-SKS 3-8	3-8	12*19.5*49	600676	10
	CES-SKS 3-14	3-14	17.5*19.5*60	600677	10
	CES-SKS 3-20	3-20	24.5*19.5*75	600678	10
	CES-SKS 5-28	5-28	31*20*93	600679	10
	CES-SKS 20-35	20-35	41*20*107	600680	10

UB series metal cable clamp	Type		Cable diameter [mm]	size [mm]	Order No		PU
	Steel galvanizing	Stainless steel			Steel galvanizing	Stainless steel	
 <p>Material Steel galvanizing PA、Stainless steel</p> <p>Advantage Guide rail for type c</p> <p>Custom It can be customized according to the customer's requirements</p> <p>Unshielded single layer cable clip</p>	CES-UB 6-12	CES-UB 6-12 SS	6-12	21*70	700230	710230	5
	CES-UB 12-18	CES-UB 12-18 SS	12-18	23*70	700231	710231	5
	CES-UB 18-22	CES-UB 18-22 SS	18-22	27*70	700232	710232	5
	CES-UB 22-26	CES-UB 22-26 SS	22-26	29*80	700233	710233	5
	CES-UB 26-30	CES-UB 26-30 SS	26-30	39*85	700234	710234	5
	CES-UB 30-38	CES-UB 30-38 SS	30-38	45*90	700235	710235	5
	CES-UB 38-42	CES-UB 38-42 SS	38-42	47*95	700236	710236	5
	CES-UB 42-50	CES-UB 42-50 SS	42-50	57*120	700237	710237	5
	CES-UB 50-64	CES-UB 50-64 SS	50-64	70*130	700238	710238	5

UB series metal cable clamp	Type		Cable diameter [mm]	size [mm]	Order No		PU
	Steel galvanizing	Stainless steel			Steel galvanizing	Stainless steel	



Unshielded double layer cable clamp

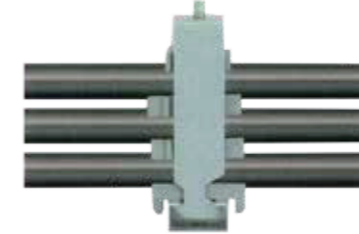
Material Steel galvanizing
PA, Stainless steel

Advantage Guide rail for type c

Custom It can be customized according to the customer's requirements

CES-UB 12.2	CES-UB 12.2 SS	6-12	21*70	700239	710239	5
CES-UB 14.2	CES-UB 14.2 SS	12-18	23*70	700240	710240	5
CES-UB 16.2	CES-UB 16.2 SS	18-22	27*70	700241	710241	5
CES-UB 18.2	CES-UB 18.2 SS	22-26	29*80	700242	710242	5
CES-UB 20.2	CES-UB 20.2 SS	26-30	39*85	700243	710243	5
CES-UB 22.2	CES-UB 22.2 SS	30-38	45*90	700244	710244	5
CES-UB 26.2	CES-UB 26.2 SS	38-42	47*95	700245	710245	5
CES-UB 30.2	CES-UB 30.2 SS	42-50	57*120	700246	710246	5
CES-UB 34.2	CES-UB 34.2 SS	50-64	70*130	700247	710247	5

UB series metal cable clamp	Type		Cable diameter [mm]	size [mm]	Order No		PU
	Steel galvanizing	Stainless steel			Steel galvanizing	Stainless steel	




Unshielded three layer cable clamp

Material Steel galvanizing
PA, Stainless steel


Advantage Guide rail for type c


Custom It can be customized according to the customer's requirements

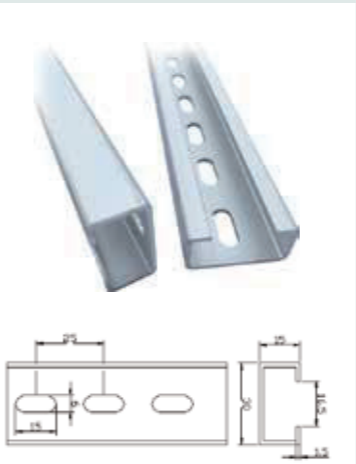
CES-UB 12.3	CES-UB 12.2 SS	6-12	16*105	700248	710248	5
CES-UB 14.3	CES-UB 14.2 SS	12-14	18*107	700249	710249	5
CES-UB 16.3	CES-UB 16.2 SS	14-16	20*109	700250	710250	5
CES-UB 18.3	CES-UB 18.2 SS	16-18	22*113	700251	710251	5
CES-UB 20.3	CES-UB 20.2 SS	18-20	24*117	700252	710252	5
CES-UB 22.3	CES-UB 22.2 SS	20-22	26*125	700253	710253	5

UB series metal cable clamp	Type		Cable diameter size		Order No		PU
	Steel galvanizing	Stainless steel	[mm]	[mm]	Steel galvanizing	Stainless steel	
 <p>Shielded cable clip</p> <p>Material Steel galvanizing Stainless steel</p> <p>Advantage Guide rail for type c</p> <p>Custom It can be customized according to the customer's requirements</p> <p>Be careful If the shielded cable needs aluminum track, it must be conductive.</p>	CES-UB 6-12 EMC	CES-UB 6-12 ES	6-12	21*70	700254	710254	5
	CES-UB 12-18 EMC	CES-UB 12-18 ES	12-18	23*70	700255	710255	5
	CES-UB 18-22 EMC	CES-UB 18-22 ES	18-22	27*70	700256	710256	5
	CES-UB 22-26 EMC	CES-UB 22-26 ES	22-26	29*80	700257	710257	5
	CES-UB 22-30 EMC	CES-UB 22-30 ES	22-30	39*85	700258	710258	5
	CES-UB 30-38 EMC	CES-UB 30-38 ES	30-38	45*90	700259	710259	5
	CES-UB 38-42 EMC	CES-UB 38-42 ES	38-42	47*95	700260	710260	5
	CES-UB 42-50 EMC	CES-UB 42-50 ES	42-50	57*120	700261	710261	5
	CES-UB 50-64 EMC	CES-UB 50-64 ES	50-64	70*130	700262	710262	5

CFX cable clip	Type		Cable diameter [mm]	size [mm]	Order No		PU
	carbon steel	Stainless steel			carbon steel	Stainless steel	
 <p>Unshielded single layer cable clip</p> <p>Material carbon steel、Stainless steel</p> <p>Advantage Guide rail for type c</p> <p>Custom It can be customized according to the customer's requirements</p> 	CES-CFX12. 1T	CES-CFX12. 1S	6-12	16*48	700293	710293	5
	CES-CFX14. 1T	CES-CFX14. 1S	12-14	18*50	700294	710294	5
	CES-CFX16. 1T	CES-CFX16. 1S	14-16	20*52	700295	710295	5
	CES-CFX18. 1T	CES-CFX18. 1S	16-18	22*54	700296	710296	5
	CES-CFX20. 1T	CES-CFX20. 1S	18-20	24*56	700297	710297	5
	CES-CFX22. 1T	CES-CFX22. 1S	20-22	26*58	700298	710298	5
	CES-CFX26. 1T	CES-CFX26. 1S	22-26	30*67	700299	710299	5
	CES-CFX30. 1T	CES-CFX30. 1S	26-30	34*71	700300	710300	5
	CES-CFX34. 1T	CES-CFX34. 1S	30-34	38*75	700301	710301	5
	CES-CFX38. 1T	CES-CFX38. 1S	34-38	42*79	700302	710302	5
CES-CFX42. 1T	CES-CFX42. 1S	38-42	46*83	700303	710303	5	


CFX cable clip	Type		Cable diameter [mm]	size [mm]	Order No		PU
	carbon steel	Stainless steel			carbon steel	Stainless steel	
 <p>Unshielded double layer cable clamp</p> <p>Material carbon steel 、 Stainless steel</p> <p>Advantage Guide rail for type c</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-CFX12. 2T	CES-CFX12. 2S	6-12	16*69	700304	710304	5
	CES-CFX14. 2T	CES-CFX14. 2S	12-14	18*71	700305	710305	5
	CES-CFX16. 2T	CES-CFX16. 2S	14-16	20*75	700306	710306	5
	CES-CFX18. 2T	CES-CFX18. 2S	16-18	22*79	700307	710307	5
	CES-CFX20. 2T	CES-CFX20. 2S	18-20	24*83	700308	710308	5
	CES-CFX22. 2T	CES-CFX22. 2S	20-22	26*87	700309	710309	5
	CES-CFX26. 2T	CES-CFX26. 2S	22-26	30*105	700310	710310	5
	CES-CFX30. 2T	CES-CFX30. 2S	26-30	34*113	700311	710311	5
	CES-CFX34. 2T	CES-CFX34. 2S	30-34	38*121	700312	710312	5

CFX cable clip	Type		Cable diameter [mm]	size [mm]	Order No		PU
	carbon steel	Stainless steel			carbon steel	Stainless steel	
 <p>Unshielded three layer cable clamp</p> <p>Material carbon steel 、 Stainless steel</p> <p>Advantage Guide rail for type c</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-CFX12. 3T	CES-CFX12. 3S	6-12	16*86	700313	710313	5
	CES-CFX14. 3T	CES-CFX14. 3S	12-14	18*92	700314	710314	5
	CES-CFX16. 3T	CES-CFX16. 3S	14-16	20*98	700315	710315	5
	CES-CFX18. 3T	CES-CFX18. 3S	16-18	22*104	700316	710316	5
	CES-CFX20. 3T	CES-CFX20. 3S	18-20	24*110	700317	710317	5
	CES-CFX22. 3T	CES-CFX22. 3S	20-22	26*116	700318	710318	5


C Guide Rail	Product Category	Type	Cable diameter	Size (Width X height)	Order No	PU
 <p>Note: The standard of normal supply track is one metre per unit. The longest track can be two meters and one.</p>	Aluminum orbit	CES-NS30/15AL	1 meters / root	30X15	700900	5
	Steel track	CES-NS30/15ST	1 meters / root	30X15	700901	5
	Stainless steel track	CES-NS30/15SS	1 meters / root	30X15	700902	5


CES-JT series copper wire terminal	Type	Busbar specification	Connecting mm ² traverse	Open space W*H	Permissible maximum current	Order No	PU
 <p>Material Clamp—Spring steel, zinc plated Foot—Stainless steel</p> <p>Custom It can be customized according to the customer's requirements</p>	CES-JT-521	Applicable thickness 5mm	1.5-16	7.5*7.5	180A	600681	5
	CES-JT-522	Applicable thickness 5mm	4-35	10.5*11	270A	600682	5
	CES-JT-523	Applicable thickness 5mm	16-70	14*14	400A	600683	5
	CES-JT-524	Applicable thickness 5mm	16-120	17*15	440A	600684	5
	CES-JT-525	Applicable thickness 10mm	1.5-16	7.5*7.5	180A	600685	5
	CES-JT-526	Applicable thickness 10mm	4-35	10.5*11	270A	600686	5
	CES-JT-527	Applicable thickness 10mm	16-70	14*14	400A	600687	5
	CES-JT-528	Applicable thickness 10mm	16-120	17*15	440A	600688	5
	CES-JT-529	5*20-30*10	95-185		500A	600689	5
	CES-JT-530	5*20-30*10	120-300		600A	600690	5


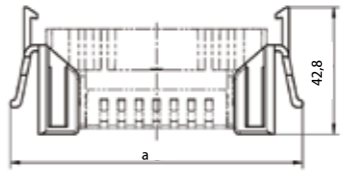
Heavy mortise bayonet assembly


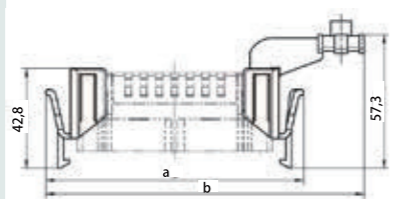

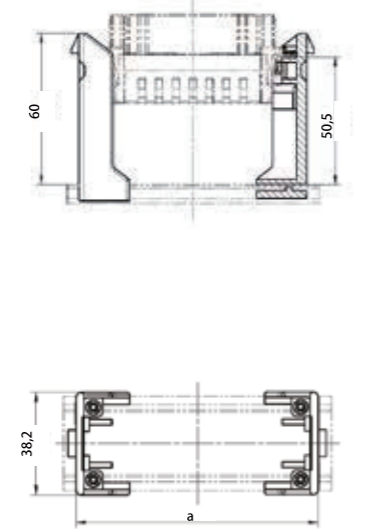


The plastic buckle assembly can mount the rectangular connector ferrule on the panel. The advantage of this assembly is that it can solve the problem of plugging and unplugging the rectangular connector cabinet while saving the matching metal shell and saving nearly half of the cost.

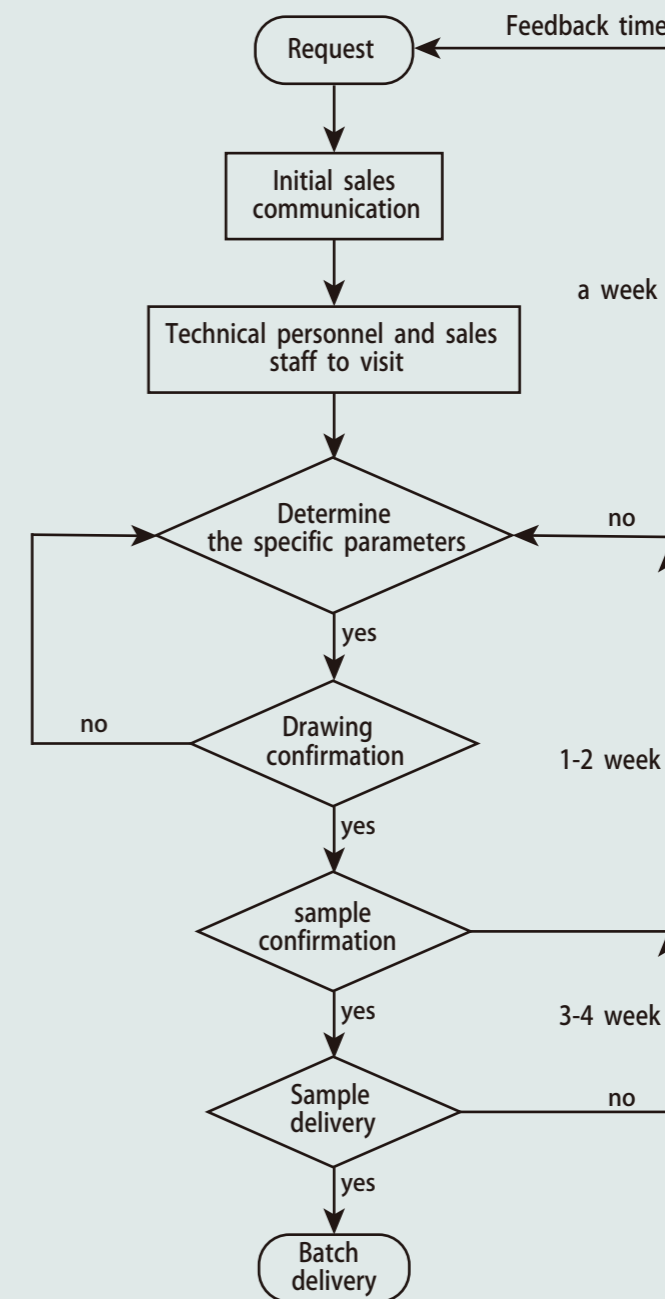




Plug fastener assembly	Description	Type	Order No	PU						
 <p>Material Polycarbonate Temperature -30° C to +100° C Flame class UL94-V0 self-extinguishing Properties Halogen free</p>		CES - TC - SET	600358	5						
	<table border="1"> <thead> <tr> <th>Size</th> <th>a</th> </tr> </thead> <tbody> <tr> <td>6B</td> <td>78.5</td> </tr> <tr> <td>10B</td> <td>91.5</td> </tr> <tr> <td>16B</td> <td>112</td> </tr> <tr> <td>24B</td> <td>138.5</td> </tr> </tbody> </table>				Size	a	6B	78.5	10B	91.5
Size	a									
6B	78.5									
10B	91.5									
16B	112									
24B	138.5									

Plug buckle assembly (with wire tying function)	Description	Type	Order No	PU															
 <p>Material: Polycarbonate Temperature: -30° C to +100° C Flame class: UL94-V0 self-extinguishing Properties: Halogen free</p>	 <table border="1"> <thead> <tr> <th>Size</th> <th>a</th> <th>b</th> </tr> </thead> <tbody> <tr> <td>6B</td> <td>78.5</td> <td>105</td> </tr> <tr> <td>10B</td> <td>91.5</td> <td>118</td> </tr> <tr> <td>16B</td> <td>112</td> <td>138.5</td> </tr> <tr> <td>24B</td> <td>138.5</td> <td>165</td> </tr> </tbody> </table>	Size	a	b	6B	78.5	105	10B	91.5	118	16B	112	138.5	24B	138.5	165	CES - TCS - SET	600359	5
Size	a	b																	
6B	78.5	105																	
10B	91.5	118																	
16B	112	138.5																	
24B	138.5	165																	
Socket guide rail mounting assembly	Description	Type	Order No	PU															
 <p>Material: Polycarbonate Temperature: -30° C to +100° C Flame class: UL94-V0 self-extinguishing Properties: Halogen free</p>		CES - BC - SET	600541	5															

Safelyseal electric provides perfect customized services for printing equipment and logo consumables, including functional design, color, materials, appearance, etc. At present, there are successful cases in wind power photovoltaic, rail transit, food machinery, petrochemical machinery, injection molding machinery, textile machinery, automobile manufacturing, logistics, machine tool manufacturing and robots and other industries. The specific process is as follows:



CES product certification



CES product patent certificate







CES product patent

Utility model patent certificate

Name of utility model	Patent number	Patentee
Modular cable threading device	ZL 2012 2 0309815. 4	Nanjing saifuni electric co.ltd.
Detachable modular cable threading device	ZL 2012 2 0314805. X	
Modular cable threading device based on assembled frame	ZL 2012 2 0314593. 5	
Through-wall fixator	2017 2 0860707. 9	
A sealing device (conical sealing sleeve)	2017 2 0860691. 1	
Detachable glen	2017 2 0860695. X	

Application areas

Application field		Solar energy
Machine tool		Wind power
Packaging machinery		Engineering machinery
Rail transit		Industrial robot