

EMC shield clamps for 35 mm top hat DIN rail, pluggable

with or without integrated strain relief



EMC shield clamps are used, where the shield of cables must be connected to the earth potential. They are easy to use and effective in earthing single cable shields.

When using types with integrated strain relief cables can be fixed via the cable jacket using cable ties. Thus strain relief in accordance with EN 62444 is achieved. We also offer EMC shield clamps with double strain relief function acc. to PROFINET installation guidelines.

Due to its special design the clamping ranges of the MSKL are very large while the dimensions are comparatively small. (Example: MSKL 3-12, assembled with a 12 mm cable shield: width 26.25 mm).

The staggered arrangement of the extremely slim shield clamp SFS|SKL maximises space utilisation. Suitable for applications that require EMC shielding close to connection points or controller inputs.

The shield clamps can be easily attached by snapping them onto 35 mm top hat DIN rails.



Specifications

Material	Shield clamp: Spring steel, zinc plated Shield bracket: Mild steel, galvanically zinc plated Snap foot: Spring steel
Properties	vibration proof
Mounting options	Snap-in

Advantages & benefits

- Partially with integrated strain relief
- Large contact area
- Shield contact and strain relief separated
- Quick assembly without tools
- 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
- Integrated double strain relief function acc. to PROFINET installation guidelines

Product types & sizes

SF|MSKL 3-12



Part No.	37616
EAN	4251269316937
PU	10
No. of shield clamps	1
For max. no. of cables	1
Min. shield diam.	3 mm
Max. shield diam.	12 mm

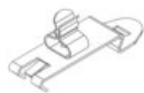
Length	50,3 mm
Width	15 mm
Height	26 mm

SF|MSKL 8-18



Part No.	37618
EAN	4251269316944
PU	10
No. of shield clamps	1
For max. no. of cables	1
Min. shield diam.	8 mm
Max. shield diam.	18 mm

Length	50,3 mm
Width	20 mm
Height	32,2 mm

SF|SKL 1.5-3

Part No. **36243**
 EAN **4251269302329**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **1,5 mm**
 Max. shield diam. **3 mm**

Length **50,4 mm**
 Width **14 mm**
 Height **20 mm**

SF|SKL 3-6

Part No. **36244**
 EAN **4251269302336**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **3 mm**
 Max. shield diam. **6 mm**

Length **50,4 mm**
 Width **14 mm**
 Height **20,5 mm**

SF|SKL 6-8

Part No. **36245**
 EAN **4251269302343**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **6 mm**
 Max. shield diam. **8 mm**

Length **50,4 mm**
 Width **14 mm**
 Height **21,9 mm**

SF|SKL 8-11

Part No. **36246**
 EAN **4251269302350**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **8 mm**
 Max. shield diam. **11 mm**

Length **50,4 mm**
 Width **14 mm**
 Height **26,9 mm**

SF|SKL 11-17

Part No. **36247**
 EAN **4251269302367**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **11 mm**
 Max. shield diam. **17 mm**

Length **50,4 mm**
 Width **21 mm**
 Height **33,9 mm**

SF|SKL 17-22

Part No. **36248**
 EAN **4251269302374**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **17 mm**
 Max. shield diam. **22 mm**

Length **50,4 mm**
 Width **26,5 mm**
 Height **41,4 mm**

SF|SKL 22-30

Part No. **36249**
 EAN **4251269302381**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **22 mm**
 Max. shield diam. **30 mm**

Length
 Width
 Height

50,4 mm
34,5 mm
45,8 mm

SF|SKL 30-38

Part No. **36250**
 EAN **4251269302398**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **30 mm**
 Max. shield diam. **38 mm**

Length
 Width
 Height

50,4 mm
46,5 mm
68 mm

SF|SKL 38-48

Part No. **36252**
 EAN **4251269302411**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **38 mm**
 Max. shield diam. **48 mm**

Length
 Width
 Height

44 mm
48,5 mm
77,5 mm

SFS|SKL 1.5-3

Part No. **36810**
 EAN **4251269304873**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **1,5 mm**
 Max. shield diam. **3 mm**

Length
 Width
 Height

43,4 mm
11,8 mm
21,5 mm

SFS|SKL 3-6

Part No. **36815**
 EAN **4251269304880**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **3 mm**
 Max. shield diam. **6 mm**

Length
 Width
 Height

43,4 mm
11,8 mm
22,2 mm

SFS|SKL 6-8

Part No. **36820**
 EAN **4251269304897**
 PU **10**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **6 mm**
 Max. shield diam. **8 mm**

Length
 Width
 Height

43,4 mm
11,8 mm
23,6 mm

SFZ-M|MSKL 3-12

Part No. **37620**
 EAN **4251269316951**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **3 mm**

Max. shield diam. **12 mm**
 Length **43,4 mm**
 Width **15 mm**
 Height **29,3 mm**
 Mounting height **20 mm**

SFZ-M|MSKL 8-18

Part No. **37622**
 EAN **4251269316968**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **8 mm**

Max. shield diam. **18 mm**
 Length **61,4 mm**
 Width **20 mm**
 Height **32,7 mm**

SFZ|SKL 1.5-3

Part No. **36850**
 EAN **4251269304903**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **1,5 mm**

Max. shield diam. **3 mm**
 Length **56,9 mm**
 Width **14 mm**
 Height **20,3 mm**

SFZ|SKL 3-6

Part No. **36855**
 EAN **4251269304910**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **3 mm**

Max. shield diam. **6 mm**
 Length **56,9 mm**
 Width **14 mm**
 Height **21 mm**

SFZ|SKL 6-8

Part No. **36860**
 EAN **4251269304927**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **6 mm**

Max. shield diam. **8 mm**
 Length **56,9 mm**
 Width **14 mm**
 Height **22,4 mm**

SFZ|SKL 8-11

Part No. **36865**
 EAN **4251269304934**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **8 mm**

Max. shield diam. **11 mm**
 Length **56,9 mm**
 Width **14 mm**
 Height **27,4 mm**

SFZ|SKL 11-17

Part No. **36870**
 EAN **4251269304941**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **11 mm**

Max. shield diam. **17 mm**
 Length **71,8 mm**
 Width **21 mm**
 Height **34,4 mm**

SFZ|SKL 17-22

Part No. **36875**
 EAN **4251269304958**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **17 mm**

Max. shield diam. **22 mm**
 Length **71,8 mm**
 Width **26,5 mm**
 Height **41,9 mm**

SFZ|SKL 22-30

Part No. **36880**
 EAN **4251269304965**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **22 mm**

Max. shield diam. **30 mm**
 Length **71,8 mm**
 Width **35 mm**
 Height **46 mm**

SFZ|SKL 30-38

Part No. **36885**
 EAN **4251269319105**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **30 mm**

Max. shield diam. **38 mm**
 Length **71,8 mm**
 Width **46,5 mm**
 Height **68 mm**

SF2Z-M|MSKL 3-12

Part No. **37620.150**
 EAN **4251269321146**
 PU **10**
 Strain relief (acc. to EN 62444) **1**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **3 mm**

Max. shield diam. **12 mm**
 Length **59 mm**
 Width **14,9 mm**
 Height **28,4 mm**
 Mounting height **21,5 mm**

SF2Z-M|MSKL 8-18

Part No. **37622.150**
 EAN **4251269321153**
 PU **10**
 Strain relief (acc. to EN 62444) **1**
 No. of shield clamps **1**
 For max. no. of cables **1**
 Min. shield diam. **8 mm**

Max. shield diam. **18 mm**
 Length **59 mm**
 Width **19,7 mm**
 Height **34,7 mm**
 Mounting height **27,7 mm**

SF2Z|SKL 1.5-3

Part No. **36850.150**
 EAN **4251269321160**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **1,5 mm**

Max. shield diam. **3 mm**
 Length **54,5 mm**
 Width **14 mm**
 Height **20,8 mm**
 Mounting height **13,9 mm**

SF2Z|SKL 3-6

Part No. **36855.150**
 EAN **4251269321177**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **3 mm**

Max. shield diam. **6 mm**
 Length **54,5 mm**
 Width **14 mm**
 Height **21,4 mm**
 Mounting height **14,5 mm**

SF2Z|SKL 6-8

Part No. **36860.150**
 EAN **4251269321184**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **6 mm**

Max. shield diam. **8 mm**
 Length **54,5 mm**
 Width **14 mm**
 Height **22,9 mm**
 Mounting height **16 mm**

SF2Z|SKL 8-11

Part No. **36865.150**
 EAN **4251269321191**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **8 mm**

Max. shield diam. **11 mm**
 Length **54,5 mm**
 Width **14 mm**
 Height **27,9 mm**
 Mounting height **21 mm**

SF2Z|SKL 11-17

Part No. **36870.150**
 EAN **4251269321207**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **11 mm**

Max. shield diam. **17 mm**
 Length **80 mm**
 Width **21 mm**
 Height **34,9 mm**
 Mounting height **28 mm**

SF2Z|SKL 17-22

Part No. **36875.150**
 EAN **4251269321214**
 PU **10**
 No. of shield clamps **1**
 Strain relief (acc. to EN 62444) **1**
 For max. no. of cables **1**
 Min. shield diam. **17 mm**

Max. shield diam. **22 mm**
 Length **80 mm**
 Width **26,5 mm**
 Height **42,4 mm**
 Mounting height **35,5 mm**

SF2Z|SKL 22-30

Part No.	36880.150	Max. shield diam.	30 mm
EAN	4251269321221	Length	80 mm
PU	10	Width	35 mm
No. of shield clamps	1	Height	47 mm
Strain relief (acc. to EN 62444)	1	Mounting height	40,1 mm
For max. no. of cables	1		
Min. shield diam.	22 mm		

SF|SK 3-8

Part No.	36500.002	Width	14 mm
EAN	4251269302985	Height	32,7 mm
PU	10	Mounting height	26 mm
For max. no. of cables	1		
Min. shield diam.	3 mm		
Max. shield diam.	8 mm		
Length	50 mm		

SF|SK 4-13.5

Part No.	36502.002	Width	20 mm
EAN	4251269302992	Height	38,7 mm
PU	10	Mounting height	32 mm
For max. no. of cables	1		
Min. shield diam.	4 mm		
Max. shield diam.	13,5 mm		
Length	50 mm		

SF|SK 10-20

Part No.	36504	Width	25 mm
EAN	4251269303005	Height	47,7 mm
PU	10	Mounting height	41 mm
For max. no. of cables	1		
Min. shield diam.	10 mm		
Max. shield diam.	20 mm		
Length	50 mm		

SF|SK 15-32

Part No.	36506	Width	37 mm
EAN	4251269303012	Height	70,7 mm
PU	10	Mounting height	64 mm
For max. no. of cables	1		
Min. shield diam.	15 mm		
Max. shield diam.	32 mm		
Length	50 mm		

SF|SKZ 3-8

Part No.	36500	Length	53,3 mm
EAN	4251269319303	Width	14 mm
PU	10	Height	32,8 mm
Strain relief (acc. to EN 62444)	1	Mounting height	26,7 mm
For max. no. of cables	1		
Min. shield diam.	3 mm		
Max. shield diam.	8 mm		

SF|SKZ 4-13.5

Part No.	36502	Length	57,3 mm
EAN	4251269319310	Width	21,7 mm
PU	10	Height	38,9 mm
Strain relief (acc. to EN 62444)	1	Mounting height	32,7 mm
For max. no. of cables	1		
Min. shield diam.	4 mm		
Max. shield diam.	13,5 mm		

SFS single M3

Part No.	36229	Diam. of screw holes	3,2 mm
EAN	4251269302237		
PU	10		
Length	43,4 mm		
Width	7 mm		
Height	8,5 mm		
No. of screw holes	1		

MF single M4

Part No.	36230	Thread	M4
EAN	4251269302244	Diam. of screw holes	4,1 mm
PU	10		
Length	50,3 mm		
Width	14 mm		
Height	6,8 mm		
No. of screw holes	1		

MF single M5

Part No.	36221	Thread	M5
EAN	4251269319167	Diam. of screw holes	5,1 mm
PU	10		
Length	50,3 mm		
Width	14 mm		
Height	6,8 mm		
No. of screw holes	1		