

Safe, error-free plant operation

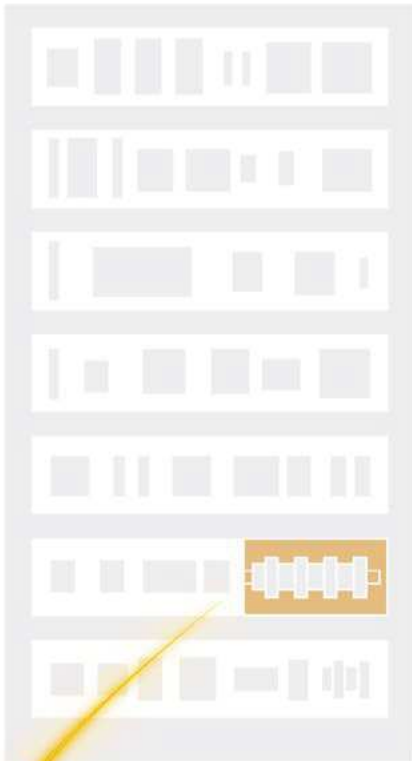
Efficient shielding and earthing with Klippon® Connect



The safety and availability of plants must be guaranteed at all times. Careful planning and installation of safety functions play a particularly important role. For personnel protection, we offer a wide range of PE terminal blocks in different connection technologies. With our wide range of KLBÜ shield connections, you can achieve flexible and self-adjusting shield contacting and ensure error-free plant operation.

Our promise

Klippon® Connect reliably guarantees the protection of personnel and machines and increases plant availability. You can improve your productivity and benefit from more efficient planning and increased safety during installation and operation.



B



Safety

- The spring system on the shield connection compensates for temperature-related diameter deviation of the cable
- Reliable protection against transient overvoltage and electromagnetic fields
- Consistent contact pressure thanks to spring effect

Space saving

- Complete range for conductor diameters from 2 to 37 mm to meet all space requirements
- Perfect shielding thanks to comprehensive accessories

Flexibility

- Flexible mounting options
- Flexible adaptation to cable diameters

Time saving

- Clear, simple installation without auxiliary tools
- The right solution for every installation situation

Our range**Shielding:**

Our complete range of KLBÜ shield connections, KHLA shield clamping saddles, SH 4C shield rail holders and KLBÜ RC shielding brackets allows simple and efficient installation of safe shielding systems.

Protective earth (PE):

We offer a wide range of green/yellow terminal blocks in screw connection, tension clamp and PUSH IN designs.

Potential equalisation:

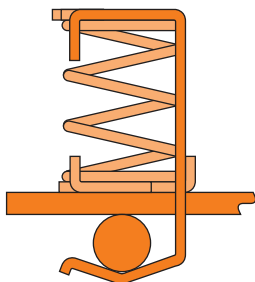
Our JB 25–50 and EBB 25–50/16 potential equalisation terminal blocks allow you to achieve reliably integrated potential equalisation, even in extended systems.



Shielding and earthing
Shield clamping saddle

Clamping bracket

Cable attached to the busbar from below



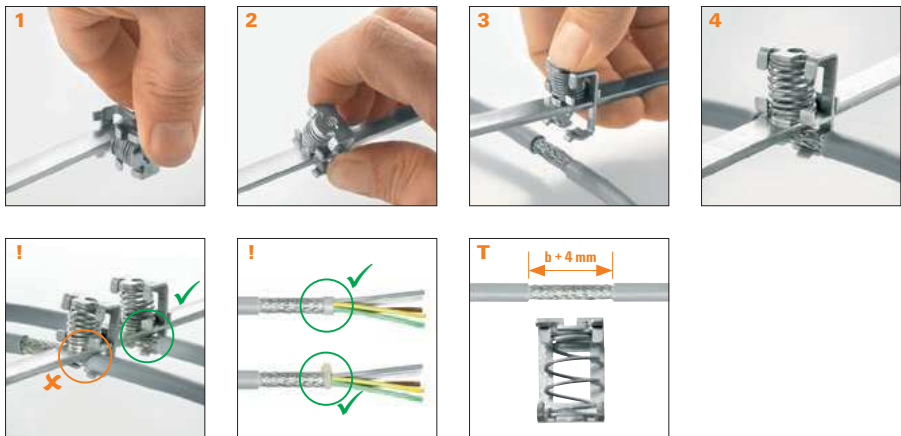
KLBÜ 2 x 2-6

KLBÜ 3-8

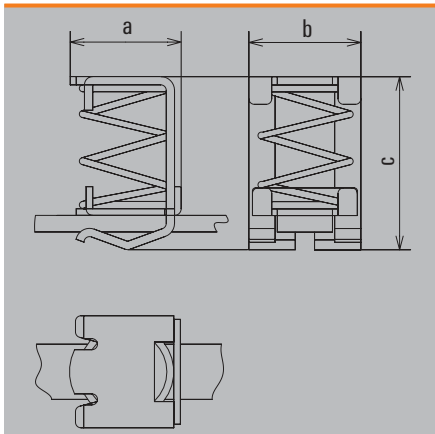
KLBÜ 4-13.5

KLBÜ 10-20

KLBÜ 15-32



KLBÜ



Ordering data

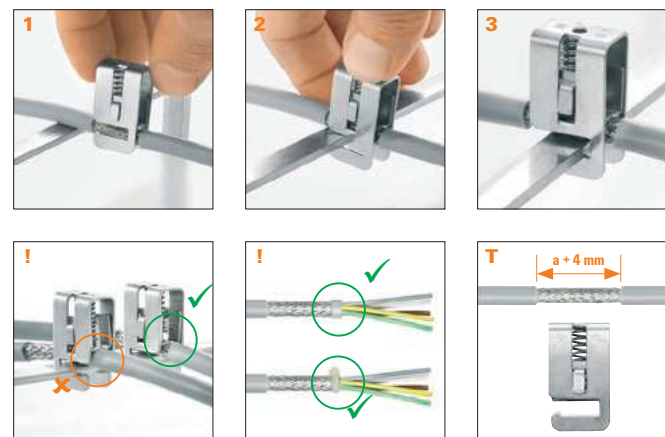
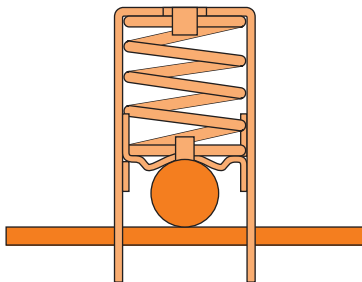
Type	for cable diameters	Dimensions (a x b x c) mm	Qty.	Order No.
Clamping bracket				
KLBUE 2X2-6	2...6 mm	15 / 18 / 24	10	1675350000
KLBUE 3-8	3...8 mm	14.5 / 18.5 / 26	10	1600480000
KLBUE 4-13.5	4...13.5 mm	20.5 / 22 / 31.5	10	1592810000
KLBUE 10-20	10...20 mm	24 / 26 / 40	10	1600490000
KLBUE 15-32	15...32 mm	33.5 / 32 / 64	10	1716300000

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN	1000 mm	Copper	1	0348900000

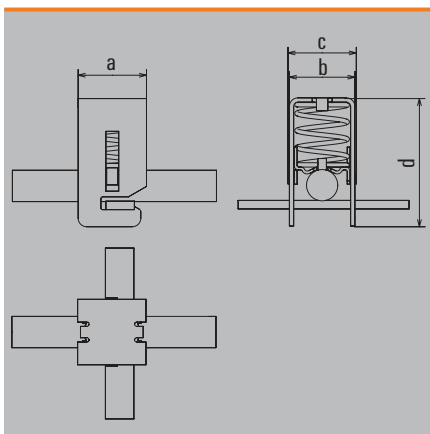
Note

Clamping bracket

Cable attached to the busbar from above



KLBÜ CO



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket				
KLBUE CO 1	3...10 mm	18 / 12 / 13.2 / 32	10	1753311001
KLBUE CO 2	4...15 mm	18 / 20 / 21.1 / 41.6	10	1752131001
KLBUE CO 3	10...20 mm	25 / 23 / 24 / 45	10	1749151001
KLBUE CO 4	15...28 mm	32 / 31 / 25 / 56	10	1749161001
KLBUE CO 5	20...37 mm	35.5 / 40 / 42.7 / 64.5	10	1755081001

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN	1000 mm	Copper	1	0348900000

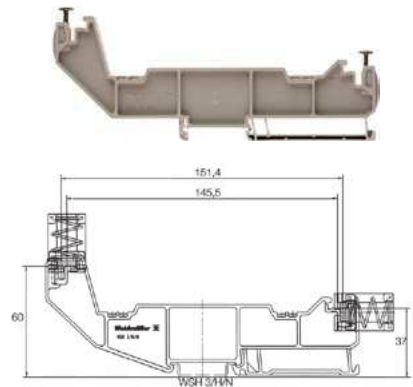
Note

Shielding and earthing
Shield clamping saddle

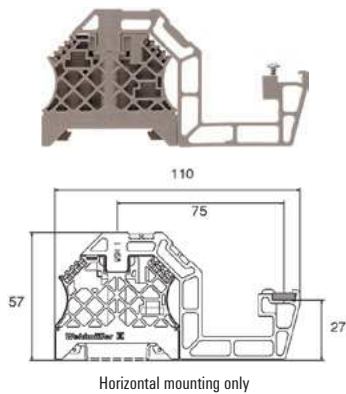
Rail support

Isolated mounting on TS 35

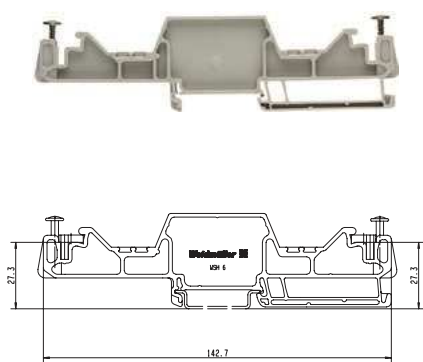
Type WSH 1



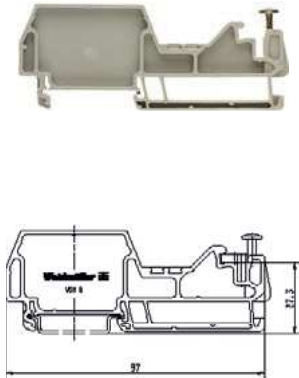
Type WSH 3/H/N



Type WSH 5



Type WSH 6



WSH

Ordering data

Type	Width	Qty.	Order No.
Rail support			
WSH 1	8 mm	10	1068700000
WSH 3/H/N	8 mm	10	1715970000
WSH 5	8 mm	10	1080100000
WSH 6	8 mm	10	1080200000

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN	1000 mm	Copper	1	0348900000

Note

Rail support

Conductive mounting on TS 35

TS 35 clip



Busbar connector

BFEH 1/WSH



Angled rail

SMSE WSH U1MT



Angled rail

SMSE WSH 135/60 MT



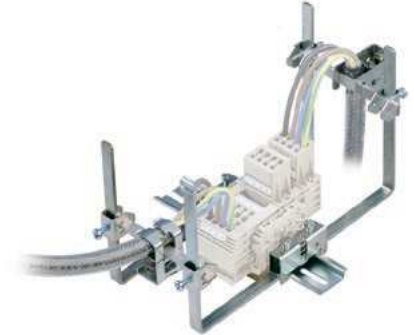
Example assembly 1

- one busbar
- 2 x WSH 19 MT busbar support set



Example assembly 2

- two busbars
- 2 x WSH 18 MT busbar support sets



WSH

Ordering data

Type	Dimensions (H x W x D) mm	Qty.	Order No.
TS 35 clip			
BS 35/WSH 2	52 / 13 / 37	10	1760720000
Busbar connector			
BFEH 1/WSH	20 / 13.5 / 31	10	1082400000
Angled rail			
SMSE WSH U1 MT	134 / 10 / 134	10	1083900000
SMSE WSH 135/60 MT	123.5 / 10 / 3	10	1246990000
Rail support sets			
WSH 18 MT		10	1083100000
WSH 19 MT		10	1083200000

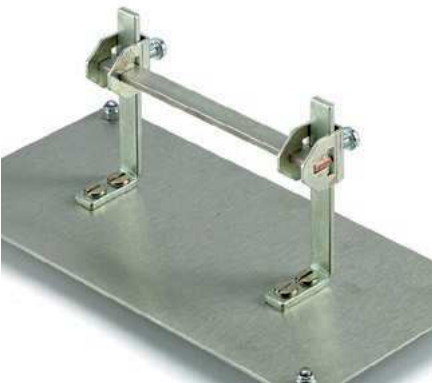
Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN	1000 mm	Copper	1	0348900000

Note

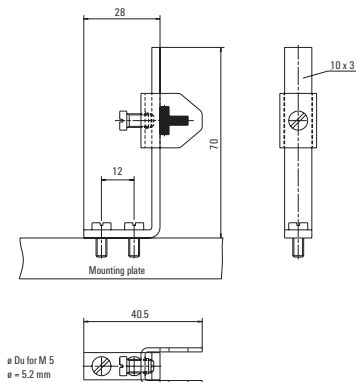
Shielding and earthing
Shield clamping saddle

Rail support / Spacer

Rail support



- Set (WSH 4 MT) comprising:
- 1 busbar angle
 - 1 busbar connector (BFEH 1 / WSH)



Spacer

M6 outer and inner threads
(in 15 mm, 20 mm and 30 mm lengths)



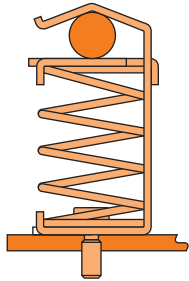
WSH 4 MT / SP

Ordering data

Type	Length	Qty.	Order No.
Busbar support			
WSH 4 MT		10	1079900000
SH 4C		10	1340870000
Spacer			
SP M6 15 MSZN	15 mm	2	3896100000
SP M6 20 MSZN	20 mm	2	3896200000
SP M6 30 MSZN	30 mm	2	3896300000

Note

Clamping bracket



SCH-1-WB



KLBÜ 3-8 SC



KLBÜ 4-13,5 SC

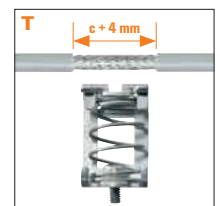
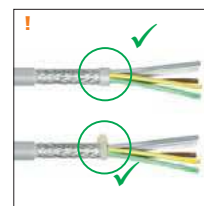
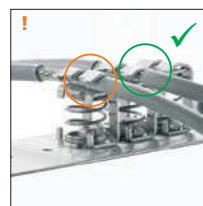
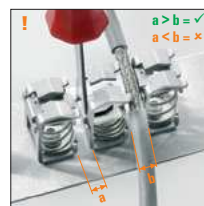
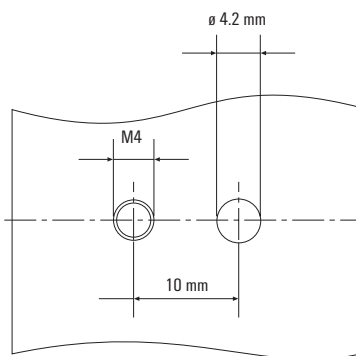


KLBÜ 10-20 SC

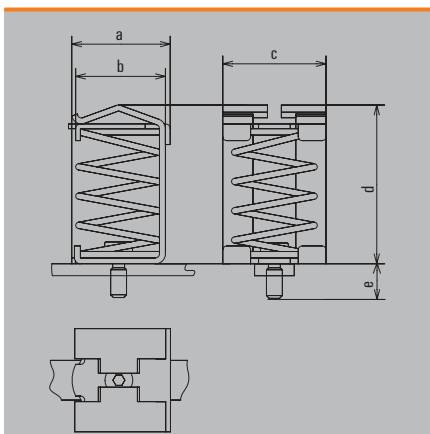


KLBÜ 15-32 SC

Drilling template KLBÜ 15-32 SC



KLBÜ SC



Ordering data

Type	for cable diameters	Length of thread	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket					
SCH-1-WINBLOC				5	1739890000
KLBUE 3-8 SC	3...8 mm	5.65 mm	14.5 / / 18.5 / 26	10	1692261001
KLBUE 4-13.5 SC	4...13.5 mm	5.3 mm	20.1 / / 22 / 31.45	10	1712311001
KLBUE 10-20 SC	10...20 mm	5.3 mm	23.6 / / 26 / 40	10	1712321001
KLBUE 15-32 SC	15...32 mm	4.8 mm	33.25 / / 32 / 63.9	10	1718341001
Self-tapping screw					
KLBUE 3-8 SDSC	3...8 mm		14.4 / / 18 / 25.9	10	1835840000

Type	Qty.	Order No.
Operating tool		
BTWZ KLBUE	1	1742630000

Note

Shielding and earthing

Shield clamping saddle

FM 4-foot / Clamping bracket holder

FM 4 foot



KLBÜ SC-type clamping brackets
(see previous page)
are screwed on to the **FM 4** foot



KLBÜ 4-13.5 FM4

Clamping bracket holder



BS 35 II (without KLBÜ)

BS 35 II / KLBÜ 3-8

BS 35 II / KLBÜ 3-8 / 2 x 2-6

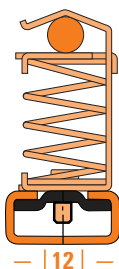
FM 4 / BS 35 II

Ordering data

Type	for cable diameters	Qty.	Order No.
FM 4 foot			
FM 4/TS35		40	0687900000
Clamping bracket fitted with FM 4 foot			
KLBUE 3-8 FM4	3...8 mm	10	1252530000
KLBUE 4-13.5 FM4	4...13.5 mm	10	1252520000
KLBUE 10-20 FM4	10...20 mm	10	1252510000
KLBUE 15-32 FM4	15...32 mm	10	1252490000
Clamping bracket holder			
BS 35II KLBUE HOLDER		10	1723800000
BS 35II KLBUE3-8	3...8 mm	10	1723810000
BS 35II/KLBUE 4-13.5	4...13.5 mm	10	1723820000
BS 35II KLBUE3-8/2X2-6	3...8 mm	10	1749430000
BS 35II KLBUE2X3-8/2X2-6	3...8 mm	10	1768020000

Note

Clamping bracket



— | 12 | —
— | 16 | —



KLBÜ 3-8 CPF



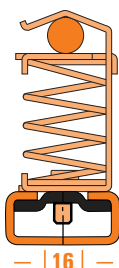
KLBÜ 4-13,5 CPF



KLBÜ 10-20 CPF



KLBÜ 15-32 CPF



— | 16 | —
— | 20 | —



KLBÜ 3-8 CPF



KLBÜ 4-13,5 CPF

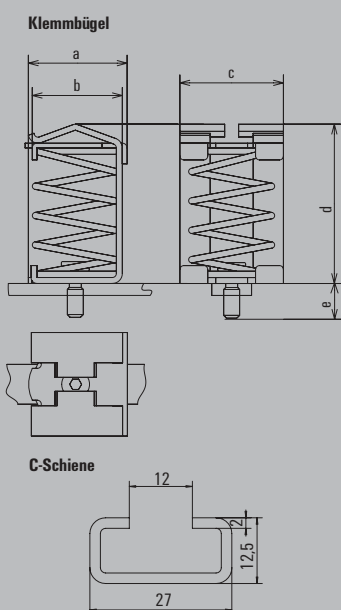


KLBÜ 10-20 CPF



KLBÜ 15-32 CPF

KLBÜ CPF



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Type for 12 mm profile				
KLBUE 3-8 CPF	3...8 mm	14.5 / 13.5 / 18 / 26	10	1752681001
KLBUE 4-13.5 CPF	4...13.5 mm	20.5 / 19 / 22 / 31.5	10	1752691001
KLBUE 10-20 CPF	10...20 mm	24 / 22.5 / 26 / 39.5	10	1752701001
KLBUE 15-32 CPF	15...32 mm	33.5 / 32 / 64	10	1752711001
Type for 16 mm profile				
KLBUE 4-13.5 CPF16	4...13.5 mm	20.1 / 18.9 / 22 / 31.45	10	1167850000
KLBUE 10-20 CPF16	10...20 mm	25 / 24 / 26 / 39.5	10	1252550000
KLBUE 15-32 CPF16	15...32 mm	34.5 / 33.5 / 32 / 64	10	1252540000

Type	Qty.	Order No.
C-rail		
TS 27X12.5M/ST/F.ZN	2	1802690000

Note



Shielding and earthing
Shield clamping saddle

Shielding solutions for direct connection



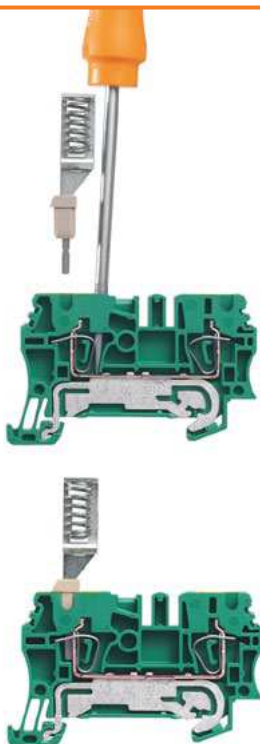
KLBÜ 4-6 Z/1



EMC-Set

B

KLBÜ



Ordering data

Type	for cable diameters	Qty.	Order No.
Type for 12 mm profile			
KLBUE 4-6 Z/1	4...6 mm	10	2269800000

Note

suitable for Z series 2.5 mm²

KLBUE 10-20 RC TS 27

Clamping bracket


KLBUE 4-13.5 RC TS 27

Clamping bracket



Width/Height/Depth mm

39.6 x 67.5 x 63.6



37.5 x 67.5 x 55.6


Technical data

Rated data
Rated voltage
Conductors to be clamped:
Cable diameter, min.
Cable diameter, max.
General data
Continuous operating temp., min.
Continuous operating temp., max.
UL 94 flammability rating
Colour
Material
Component 1
Component 2
Installation advice

230 VAC
10 mm
20 mm
-25 °C
105 °C
V-0
Black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting

230 VAC
4 mm
13.5 mm
-25 °C
105 °C
V-0
Black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting

Note
Ordering data

Version
for shield connection with high-pass filter
Note

Type	Qty.	Order No.
KLBUE 10-20 RC TS27	1	1403050000

Type	Qty.	Order No.
KLBUE 4-13.5 RC TS27	1	1403060000

Accessories

Terminal rail
Identification systems
Operating tool
Screwdriver
C-rail

Type	current	Qty.	Order No.
SM 27/8 K MC NE WS		80	1812630000
BTWZ KLBUE		1	1742630000
SDS 0.6X3.5X100		1	9008330000
TS 27X12.5M/ST/F.ZN		2	1802690000

Type	current	Qty.	Order No.
SM 27/8 K MC NE WS		80	1812630000
BTWZ KLBUE		1	1742630000
SDS 0.6X3.5X100		1	9008330000
TS 27X12.5M/ST/F.ZN		2	1802690000

For detailed information on other accessories and application in the online catalogue

Shielding and earthing

Shield clamping saddle

KLBUE 3-8 RC TS 35

Clamping bracket



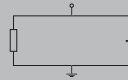
KLBUE 3-8 RC TS 27

Clamping bracket

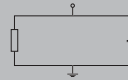


Width/Height/Depth mm

35 x 67.5 x 50



35 x 67.5 x 50



Technical data

Rated data

Rated voltage

230 VAC

Conductors to be clamped:

Cable diameter, min.

3 mm

Cable diameter, max.

3 mm

General data

Continuous operating temp., min.

Continuous operating temp., max.

UL 94 flammability rating

Colour

Material

Component 1

Component 2

Installation advice

Note

Ordering data

Version

for shield connection with high-pass filter

Note

Accessories

Terminal rail

Identification systems

Operating tool

Tools

Screwdriver

C-rail

Standard

Type	Qty.	Order No.
KLBUE 3-8 RC TS35	1	1402830000

Type	current	Qty.	Order No.
TS 35X7.5 2M/ST/ZN		2	0383400000
TS 35X7.5/LL 2M/ST/ZN		2	0514500000
TS 35X15/LL 2M/ST/ZN		2	0236500000
SM 27/8 K MC NE WS		80	1812630000
BTWZ KLBUE		1	1742630000
IS 4 KG		1	1806660000
SDS 0.6X3.5X100		1	9008330000

Type	Qty.	Order No.
KLBUE 3-8 RC TS27	1	1403070000

Type	current	Qty.	Order No.
SM 27/8 K MC NE WS		80	1812630000
BTWZ KLBUE		1	1742630000
IS 4 KG		1	1806660000
SDS 0.6X3.5X100		1	9008330000
TS 27X12.5M/ST/F.ZN		2	1802690000

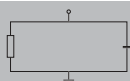
For detailed information on other accessories and application in the online catalogue

KLBUE 10-20 RC TS 35

Clamping bracket



39.6 x 67.5 x 63.6



230 VAC
10 mm
20 mm
-25 °C
105 °C
V-0
Black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting

Type	Qty.	Order No.
KLBUE 10-20 RC TS35	1	1403080000

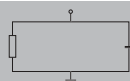
Type	current	Qty.	Order No.
TS 35X7.5 2M/ST/ZN		2	0383400000
TS 35X7.5/LL 2M/ST/ZN		2	0514500000
TS 35X15/LL 2M/ST/ZN		2	0236500000
SM 27/8 K MC NE WS		80	1812630000
BTWZ KLBUE		1	1742630000
IS 4 KG		1	1806660000
SDS 0.6X3.5X100		1	9008330000

KLBUE 4-13.5 RC TS 35

Clamping bracket



37.5 x 67.5 x 55.6



230 VAC
4 mm
13.5 mm
-25 °C
105 °C
V-0
Black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting

Type	Qty.	Order No.
KLBUE 4-13.5 RC TS35	1	1403090000

Type	current	Qty.	Order No.
TS 35X7.5 2M/ST/ZN		2	0383400000
TS 35X7.5/LL 2M/ST/ZN		2	0514500000
TS 35X15/LL 2M/ST/ZN		2	0236500000
SM 27/8 K MC NE WS		80	1812630000
BTWZ KLBUE		1	1742630000
IS 4 KG		1	1806660000
SDS 0.6X3.5X100		1	9008330000



Shielding and earthing Tension clamp connection



ZTR 6-2 E

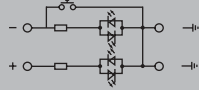
6 mm²

Operation mode



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16.2 x 70 x 50
20 / 10
0.05...10



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
230			
20			
6			
8 kV / 3			
A5 / V-0			
Rated connection			
0.5...10 / 0.5...6			
0.5...6 / 0.5...6			
12 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige, 230 V UC
	dark beige, 24 V DC
Note	

Type	Qty.	Order No.
ZTR 6-2 E / 230V UC	10	8817930000
ZTR 6-2 E / 24V DC	10	8817920000
Note		

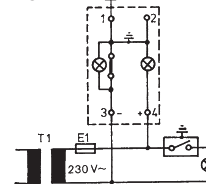
Accessories

End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard

Type	current	Qty.	Order No.
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
ZTA 7/ZA		25	1780670000
SDIS 0.6X3.5X100		1	9008390000

Operating mode

ZTR6-2 E

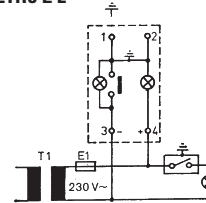


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must first be disconnected.

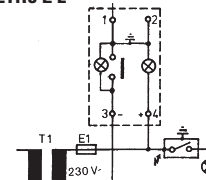
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must be disconnected.

Operational malfunction

ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

For detailed information on other accessories and application in the online catalogue

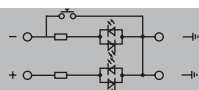
WTR 35 E

35 mm²

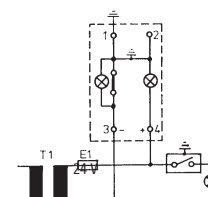
Operation mode



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

32 x 100 x 67.5
125 / 35
4...35


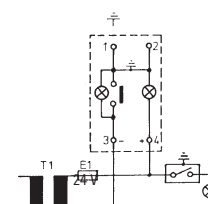
Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

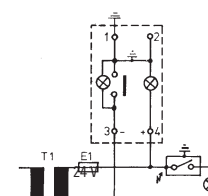
Test position

When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must be disconnected.

Operational malfunction



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version
dark beige, 24 V DC
Note

Accessories

End bracket
dark beige
Screwdriver
Standard
Identification systems

IEC	UL	CSA	EN 60079-7
125			
35			
	0.8 kV / 3		
	B9 / V-0		
Rated connection			
4...16 / 10...35			
4...35 / 4...35			
/ (M 6)			
18 / 1.2 x 6.5 mm			

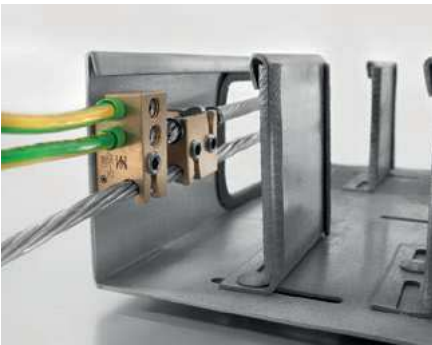
Type	Qty.	Order No.
WTR 35 E	5	1045970000

Type	current	Qty.	Order No.
WEW 35/1		50	1059000000
SDS 1.2X6.5X150		1	9009010000
WS 12/6 MC NE WS		600	1609900000

For detailed information on other accessories and application in the online catalogue

Shielding and earthing
Screw connection

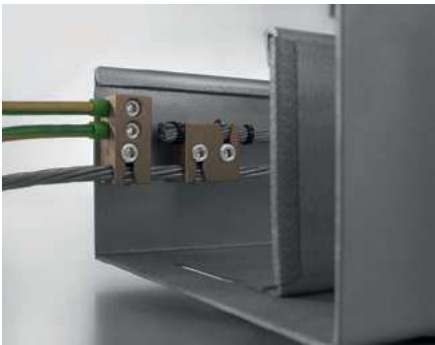
Potential equalisation terminal block



Low installation height



Additional connection up to 16 mm²



Good visibility of the clamping screws

Technical data

Connection direction	on side
Tightening torque, min.	5 Nm
Clamping screw	M 6
Connection cross-section, flexible, min. / max.	10...50 mm²

Note

Ordering data

Type	Stripping length	Number of connections	Conductor min. / max.	Qty.	Order No.
Screw connection					
JB 25-50	33	2	10...50	10	1547500000
EBB 25-50/16	20	3	16 / 10...50	10	1547490000

Type	Description of article	Qty.	Order No.
SK WSD-S 1,5-10,0	Screwing tool	1	9008850000

Note





WDU 2.5

2.5 mm²

WDU 4

4 mm²


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 46.5	
32 / 4	
0.05...4	

6.1 x 60 x 46.5	
41 / 6	
0.13...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1		Ex e II		II 2 G D
IEC	UL	CSA	EN 60079-7	
800				
24				
2.5				
8 kV / 3				
A3 / V-0				
Rated connection		Further connection		
0.5...4 / 1.5...4				
0.5...4 / 0.5...2.5				
0.4...0.8 Nm / (M 2.5)				
10 / 0.6 x 3.5 mm				
0.5...1.5 / 0.5...1.5				

IEC 60947-7-1		Ex e II	 II 2 G D
IEC	UL	CSA	EN 60079-7
800			690
32			32
4			4 mm ²
		8 kV / 3	
		A4 / V-0	
C E ENE		DEM0K14ATEX1338U	
Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...6 / 0.5...4			
0.5...1 Nm / (M 3)			
10 / 0.6 x 3.5 mm			
0.5...2.5			
0.5...1.5 / 0.5...1.5			
Note max. current of terminal (41 A) when using WQV!			

Ordering data

Version	
	yellow/black
Note	

Type	Qty.	Order No.
WDU 2.5 GE/SW	100	2429520000

Type	Qty.	Order No.
WDU 4 GE/SW	100	1020190000
Rated voltage is 400 V when using the ZQV cross-connector		

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
Cover	
	Blank, yellow
	Blank, white
Identification systems	

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
Note			
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
Note			
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
Note			
WEW 35/2		100	1061200000
Note			
WTA 2 WDU2.5-10		25	1632320000
WTA 2/ZA WDU2.5-10		25	1632330000
Note			
WAD 5 MC NE GE		48	1112920000
WAD 5 MC NE WS		48	1112910000
Note			
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

Type	current	Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
Note			
WQV 4/2	32 A	50	1051960000
WQV 4/10	41 A	20	1052060000
Note			
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
Note			
WEW 35/2		100	1061200000
Note			
WTA 3 WDU4		25	1632350000
WTA 3/ZA WDU4		25	1632360000
Note			
WAD 5 MC NE GE		48	1112920000
WAD 5 MC NE WS		48	1112910000
Note			
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

For detailed information on other accessories and application in the online catalogue

Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2.8 1056400000.

Shielding and earthing Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

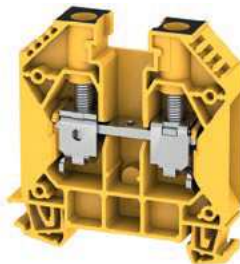
Version	
	yellow/black
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	4 mm ²
	10 mm ²
Identification systems	
Testing / Checking	
	Standard

WDU 16

16 mm²



11.9 x 60 x 62.5	
101 / 25	
0.82...25	

IEC 60947-7-1	Ex e II	Ex	II 2 G D
IEC	UL	CSA	EN 60079-7
1000			690
76			76
16			16 mm ²
	8 kV / 3		
	B7 / V-0		
	DEMKO14ATEX1338U		
Rated connection	Further connection		
1.5...16 / 1.5...25			
1.5...25 / 1.5...16			
3...4 Nm / (M 5)			
16 / 1.0 x 5.5 mm			
1.5...4 / 1.5...4			

Type	Qty.	Order No.
WDU 16 GE/SW	50	2000040000

Type	current	Qty.	Order No.
WQV 16/2	76 A	50	1053260000
WQV 16/10	76 A	10	1053360000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/1		50	1059000000
WAD 12 M.BL		50	1055960000
WAD 12 NEUTRAL		50	1056260000
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000

WDU 16N

16 mm²



12 x 60 x 46.5	
101 / 25	
1.5...25	

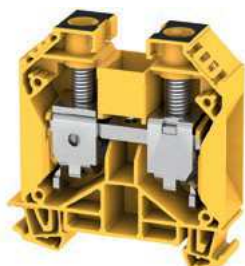
IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
690	600		
76	70		
16	AWG 14...6		
	8 kV / 3		
	B7 / V-0		
Rated connection	Further connection		
1.5...16 / 1.5...25			
1.5...16 / 1.5...16			
1.2...2.4 Nm / (M 4)			
12 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
WDU 16N GE/SW	50	2000050000

Type	current	Qty.	Order No.
WQV 16N/2	76 A	50	1636560000
WQV 16N/4	76 A	50	1636580000
WTW EN		20	1058800000
WEW 35/2		100	1061200000
WAD 12N GE BED		50	1073200000
WAD 12N WS		50	1073290000
DEK 5/5 MC NE WS	1000		1609801044
WS 10/12 MC NE WS	300		1905970000
WTA 2 WDU2.5-10	25		1632320000

For detailed information on other accessories and application in the online catalogue

WDU 35

35 mm²

16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1000			690
125			115
35			35 mm ²
8 kV / 3			
B8 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm / (M 6)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WDU 35 GE/SW	40	2000060000

Type	current	Qty.	Order No.
WQV 35/2	135 A	50	1053060000
WQV 35/10	112 A	10	1053160000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/1		50	1059000000
WAD 12 M.BL		50	1055960000
WAD 12 NEUTRAL		50	1056260000
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000

WDU 35N

35 mm²

16 x 66 x 50.5
150 / 50
2.5...50

IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
500			352
125			110
35			35 mm ²
6 kV / 3			
B8 / V-0			

DEMKO14ATEX1338U

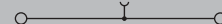
Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 Nm / (M 6)	
18 / 6.5 x 1.2 mm	

Type	Qty.	Order No.
WDU 35N GE/SW	20	2000090000

Type	current	Qty.	Order No.
WQV 35N/2	135 A	20	1079200000
WQV 35N/4	101 A	20	1079400000
WTW EN		20	1058800000
WEW 35/2		100	1061200000
WAD 16N GE BED		50	1083600000
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000

WDU 50N

50 mm²

18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-7-1 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1000			690
150			126
50			50 mm ²
8 kV / 3			
B10 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
6...16 / 6...70	
10...50 / 6...50	
3.5...6 Nm / (M 6)	
24 / S4 (DIN 6911)	

Type	Qty.	Order No.
WDU 50N GE/SW	10	2000080000

Type	current	Qty.	Order No.
WQV 50N/2	150 A	5	1834060000
WQV 50N/3	150 A	5	1834070000
WQV 50N/4	150 A	5	1834080000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 50N		5	1872720000
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000





WDU 70N/35

70 mm²



WDU 95N/120N

120 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

20.5 x 75 x 85	
232 / 95	
16...95	

27 x 91 x 90	
290 / 150	
16...150	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1		Ex e II	 II 2 G D
IEC	UL	CSA	EN 60079-7
1000	600		690
192	150		184
70	AWG 6...0		70 mm²
8 kV / 3			
B11 / V-0			
		DEMKD14ATEX1338U	
Rated connection		Further connection	
16...16 / 16...95			
16...70 / 16...70			
8...12 Nm / (M 8)			
22 / S6 (DIN 6911)			

IEC 60947-7-1	Ex e II		 II 2 G D
IEC	UL	CSA	EN 60079-7
1000			880
269			221
120			120 mm ²
8 kV / 3			
B13 / V-0			
CE			
		DEMKD14ATEX1338U	
Rated connection		Further connection	
16...16 / 16...150			
16...120 / 16...95			
12...20 Nm / (M 10)			
27 / S6 (DIN 6911)			

Ordering data

Version	
	yellow/black
Note	

Type	Qty.	Order No.
WDU 70N/35 GE/SW	10	2000100000
Note		

Type	Qty.	Order No.
WDU 95N/120N GE/SW	5	2000110000
Note		

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
Additional connection	
	10 mm ²
Identification systems	

Type	current	Qty.	Order No.
WQV 70N/2	192 A	5	9512240000
WQV 70N/3	192 A	5	9512250000
WQV 70N/4	192 A	5	9531290000
Note			
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
Note			
WZAD 70N		5	1964830000
Note			
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000

Type	current	Qty.	Order No.
WQV 95N/120N/2	269 A	5	1826890000
WQV 95N/120N/3	269 A	5	1826900000
WQV 95N/120N/4	269 A	5	1826910000
Note			
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
Note			
WZAD 95N/120N		5	1859580000
Note			
DEK 5/5 MC NE WS	1000		1609801044
WS 12/6.5 MC NE WS	540		1609920000

For detailed information on other accessories and application in the online catalogue