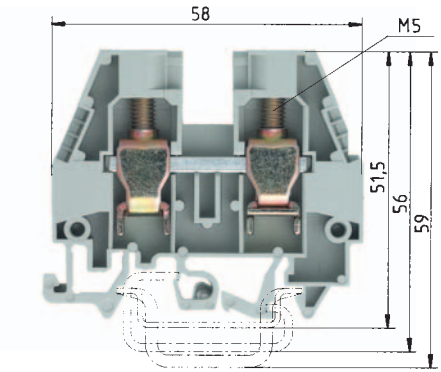
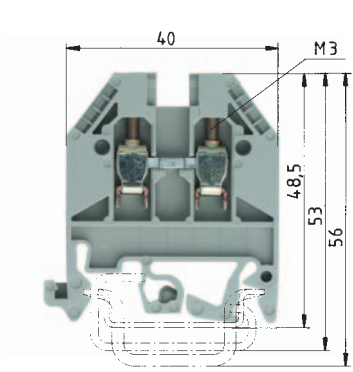


Terminal blocks with screw connection for
junction boxes, type *WKL*

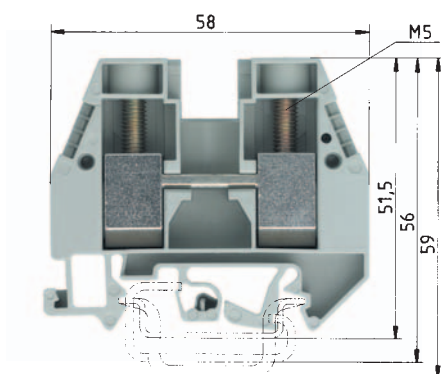
selos BIT



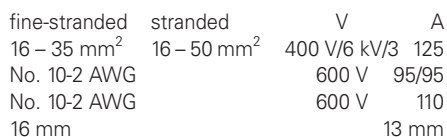
		WK 4/U				WKI 10/U			
		fine-stranded	solid	V	A	fine-stranded	solid/stranded	V	A
EN 60 947-7-1/DIN VDE 0611 T1		0.5 – 4 mm ²	0.5 – 6 mm ²	800 V/8 kV/3	32	1 – 10 mm ²	1.5 – 16 mm ²	400 V/6 kV/3	57
UL ratings	field-/factory wiring	No. 22-10 AWG		600 V	30/35	No. 16-6 AWG		600 V	65/65
CSA ratings		No. 20-10 AWG		600 V	40	No. 16-6 AWG		600 V	70
Width	Wire strip length	6 mm			9 mm	10 mm			18 mm
Approvals									

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	gray	WK 4/U	57.504.0055.0	100	WKI 10/U	57.510.1155.0	50
Feed-through block	blue	WK 4/U BLAU	57.504.0055.6	100	WKI 10/U BLAU	57.510.1155.6	50
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m	35 x 27 x 7.5 EN 60715	98.300.0000.0	1	35 x 27 x 7.5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail 15 mm high	L = 2 m	35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp for TS 35, without screws	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	1.5 mm thick	AP 2,5-4	07.311.0155.0	10			
	1.5 mm thick	AP 2,5-4 BLAU	07.311.0155.6	10			
	1.5 mm thick						
End plate	2 mm thick				API 10-16	07.311.9455.0	10
	2 mm thick				API 10-16 BLAU	07.311.9455.6	10
	2 mm thick						
4. Partition plate	gray	TW 2,5-4	07.311.1155.0	10			
	blue	TW 2,5-4 BLAU	07.311.1155.6	10			
5. Cross connector with screws (jumper bar)	2 pole	IVB WK 4-2	Z7.281.1227.0	10	IVB WKN 10-2	Z7.283.2227.0	10
insulated	3 pole	IVB WK 4-3	Z7.281.1327.0	10	IVB WKN 10-3	Z7.283.2327.0	10
	4 pole	IVB WK 4-4	Z7.281.1427.0	10	IVB WKN 10-4	Z7.283.2427.0	10
	5 pole	IVB WK 4-5	Z7.281.1527.0	10	IVB WKN 10-5	Z7.283.2527.0	10
	6 pole	IVB WK 4-6	Z7.281.1627.0	10	IVB WKN 10-6	Z7.283.2627.0	10
6. Partition plate with marking facility	yellow	TS 4 GELB	07.311.2153.8	10	TS 10 GELB	07.311.2353.8	10
7. Cover with marking facility	yellow	AD VB 4 GELB	04.326.2153.8	10	AD VB 10 GELB	04.342.1056.8	10
8. Cover with warning symbol over 4 blocks	yellow	AB VB 6/4 GELB	04.343.4856.8	10			
Cover with warning symbol for 1 block	yellow				ADI 10/1 GELB	04.325.8553.8	10
9. Busbar							
E-Cu 10 x 3 mm, tin-plated, I _N = 140 A	L = 1 m						
E-Cu 10 x 3 mm, unplated, I _N = 140 A	L = 1 m						
10. Connector clamp for busbar							
	16 mm ²	8.5 mm wide					
	35 mm ²	17 mm wide					
11. Busbar support	4 mm wide						
Busbar support	8 mm wide						
Marking accessories see page 230-237							

junction boxes, type WKI



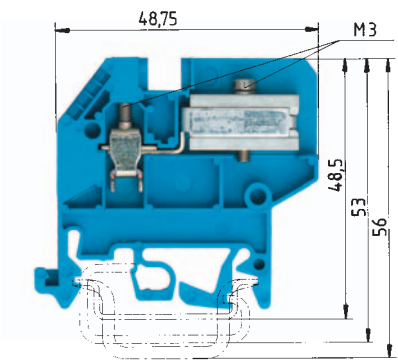
fine-stranded	solid/stranded	V	A
1–16 mm ²	15–25 mm ²	400 V/6 kV/3	76
No. 12-4 AWG		600 V	65/90
No. 14-4 AWG		600 V	95
12 mm			16 mm



Subject to change without further notice

 **wieland** 191

Neutral disconnect blocks with screw connection
for junction boxes, type WKN/
selos BIT

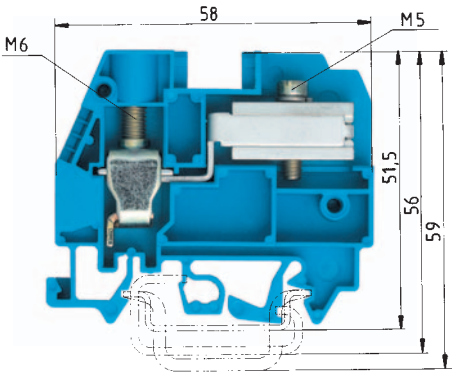


Current carrying capability:
fine-stranded: 4 mm² 25 A
solid: 6 mm² 30 A

WKN 4 ETK/U

fine-stranded solid V A
0.5 – 4 mm² 0.5 – 6 mm² 400 V/6 kV/3**)

No. 20-10 AWG600 V 25 9 mm
6 mm
SEV



Current carrying capability:
fine-stranded: 10 mm² 45 A
stranded: 16 mm² 50 A

WKI 10 ETK/U

fine-stranded solid/stranded V A
1 – 10 mm² 1 – 16 mm² 400 V/6 kV/3**)

No. 16-6 AWG 600 V 45 13 mm
10 mm
SEV

**): for use in grounded networks

EN 60 947-7-1/DIN VDE 0611 T1

UL ratings

CSA ratings

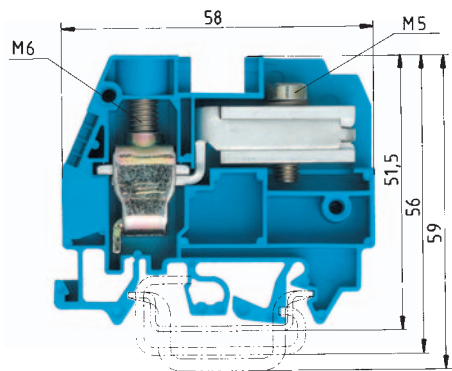
Width

Approvals

Wire strip length

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Neutral-disconnect block	blue	WKN 4 ETK/U	57.504.8155.0 100	WKI 10 ETK/U	57.510.8255.0 50	
Connector clamp for Cu busbar	blue					
	unplated					
Accessories						
1. Mounting rail TS 35, DIN rail 7.5mm high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail 15mm high L = 2 m	35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw 8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp for TS 35, without screws 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate 1.5 mm thick gray						
	1.5 mm thick blue	APN 4 ETK	07.311.1155.0 10	API 10-16 ETK/1	07.312.1955.0 10	
	1.5 mm thick green					
End plate 2 mm thick gray						
	2 mm thick blue					
	2 mm thick green					
4. Partition plate gray						
	blue					
5. Cross connector with screws (jumper bar) 2 pole						
insulated 3 pole						
	4 pole					
	5 pole					
	6 pole					
6. Partition plate with marking facility yellow						
7. Cover with marking facility yellow						
8. Cover with warning symbol over 4 blocks yellow						
Cover with warning symbol for 1 block yellow						
9. Busbar						
E-Cu 10 x 3 mm, unplated, I _N = 140 L = 1 m	9813 M	98.290.0000.0	1	9813 M	98.290.0000.0	1
E-Cu 10 x 3 mm, tin-plated, I _N = 140 A L = 1 m	9813 M SN	98.290.1000.0	1	9813 M SN	98.290.1000.0	1
10. Connector clamp for busbar						
16 mm ² 8.5 mm wide	WAK 16/2 BLAU	30.494.3021.6	100	WAK 16/2 BLAU	30.494.3021.6	100
35 mm ² 17 mm wide	WAK 35/2	30.494.4121.0	50	WAK 35/2	30.494.4121.0	50
11. Busbar support 4 mm wide	WKI SH/U	01.108.3255.0	10	WKI SH/U	01.108.3255.0	10
Busbar support 8 mm wide	WKIF SH/E/35	Z1.108.8453.0	100	WKIF SH/E/35	Z1.108.8453.0	100
Marking accessories see page 230-237						

Connector clamp for Cu busbar (10 x 3 mm), type WAK



Current carrying capability:
fine-stranded: 16 mm² 62 A
stranded: 25 mm² 67 A

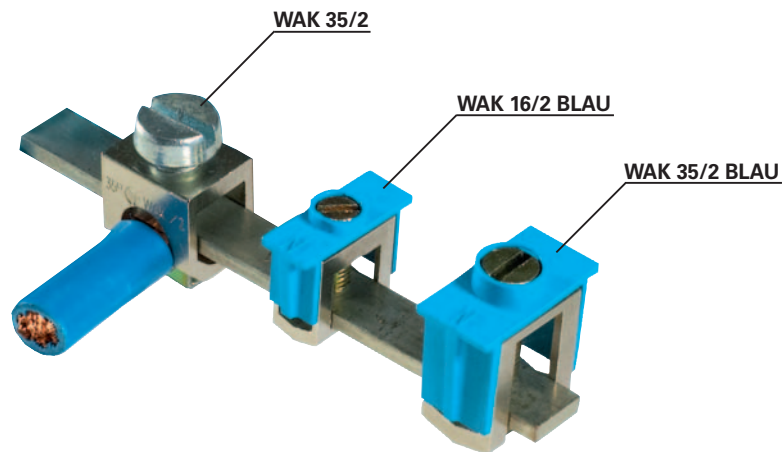
WKI 16 ETK/U

fine-stranded	solid/stranded	V	A
1 – 16 mm ²	1 – 25 mm ²	400 V/6 kV/3**)	

No. 14-4 AWG	600 V	65
12 mm		15 mm

SEV

Type	Part No.	Std. Pack
WKI 16 ETK/U	57.516.8255.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.360.0000.0	1
9708/2 S35	Z5.522.8553.0	100
API 10-16 ETK/1	07.312.1955.0	10
9813 M	98.290.0000.0	1
9813 M SN	98.290.1000.0	1
WAK 16/2 BLAU	30.494.3021.6	100
WAK 35/2	30.494.4121.0	50
WKI SH/U	01.108.3255.0	10
WKIF SH/E/35	Z1.108.8453.0	100



EN 60 998-2-1 CCA/CH

WAK 16/2

fine-stranded	stranded	V	A
1.5 – 16 mm ²	10 – 16 mm ²		76

8.4 mm	16 mm
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SEV

Type	Part No.	Std. Pack
WAK 16/2 BLAU	30.494.3021.6	100
9813 M	98.290.0000.0	1
9813 M SN	98.290.1000.0	1
WKI SH/U	01.108.3255.0	10
WKIF SH/E/35	Z1.108.8453.0	100

EN 60 998-2-1 CCA/CH

WAK 35/2

fine-stranded	stranded	V	A
16 – 35 mm ²	16 – 35 mm ²		125

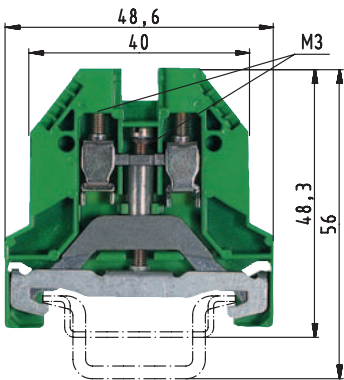
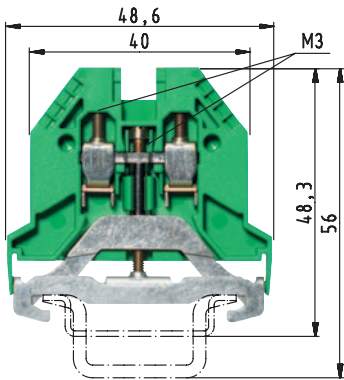
17 mm	14 mm
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SEV

Type	Part No.	Std. Pack
WAK 35/2 BLAU	30.494.4021.0	50
WAK 35/2	30.494.4121.0	50
9813 M	98.290.0000.0	1
9813 M SN	98.290.1000.0	1
WKI SH/U	01.108.3255.0	10
WKIF SH/E/35	Z1.108.8453.0	100

Ground blocks with screw connection
for junction boxes, type **WKI SL**

selos BIT



*¹⁾ Ratings of adjacent feed-through block
same series and size

EN 60 947-7-2/DIN VDE 0611 T3
UL ratings
CSA ratings
Width
Approvals

Wire strip length

WK 2,5 SL/35

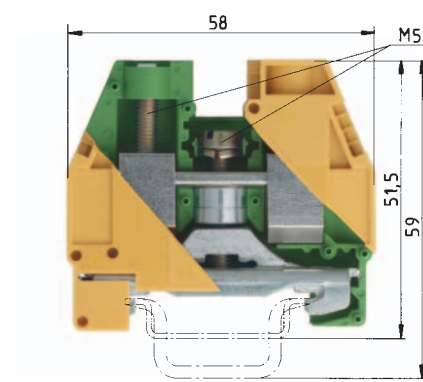
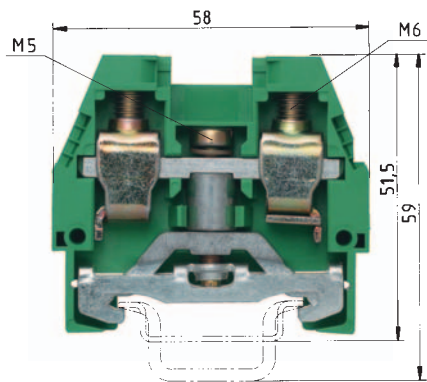
fine-stranded solid V A
0.5 – 2.5 mm² 0.5 – 4 mm² 500 V/6 kV/3*¹⁾
No. 22-12 AWG
No. 24-12 AWG
5 mm 9 mm

WK 4 SL/35

fine-stranded solid V A
0.5 – 4 mm² 0.5 – 6 mm² 800 V/8 kV/3*¹⁾
No. 22-10 AWG
No. 22-10 AWG
6 mm 9 mm

			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Ground block	with U-foot	green/yellow	WK 2,5 SL/35	56.503.9055.0	100			
Ground block	for TS 35	green/yellow				WK 4 SL/35	56.504.9055.0	100
Accessories								
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m		35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail 15 mm high	L = 2 m		35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw	8 mm wide					9708/2 S35	Z5.522.8553.0	100
End clamp for TS 35, without screws	8 mm wide					WEF 1/35	Z5.523.9353.0	100
3. End plate	1.5 mm thick	gray						
	1.5 mm thick	blue						
	1.5 mm thick	green	AP 2,5-4 SL	07.311.7155.0	10	AP 2,5-4 SL	07.311.7155.0	10
End plate	2 mm thick	gray						
	2 mm thick	blue						
	2 mm thick	green						
4. Partition plate		gray						
		blue						
5. Cross connector with screws (jumper bar)	2 pole							
insulated	3 pole							
	4 pole							
	5 pole							
	6 pole							
6. Partition plate with marking facility		yellow						
7. Cover with marking facility		yellow	AD VB 2,5 GELB	04.326.2053.8	10	AD VB4 GELB	04.326.2153.8	10
8. Cover with warning symbol over 4 blocks		yellow	AD VB 5/4 GELB	04.343.4756.8	10	AD VB 6/4 GELB	04.343.4856.8	10
Cover with warning symbol for 1 block		yellow						
9. Busbar								
E-Cu 10 x 3 mm, tin-plated, I _N = 140	L = 1 m							
E-Cu 10 x 3 mm, unplated, I _N = 140 A	L = 1 m							
10. Connector clamp for busbar								
	16 mm ²	8.5 mm wide						
	35 mm ²	17 mm wide						
11. Busbar support		4 mm wide						
Busbar support		8 mm wide						
Marking accessories see page 230-237								

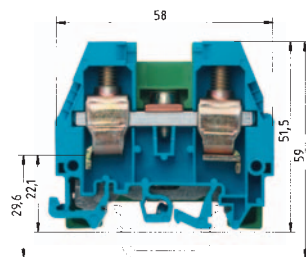
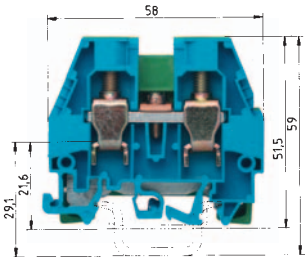
for junction boxes, type *WKI SL*



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PEN assembly block with screw connection for junction boxes, type WKI...

selos BITOS



EN 60 947-7-1, EN 60 947-7-2
UL ratings
CSA ratings
Width
Approvals

Wire strip length

WKI 10 PEN/35

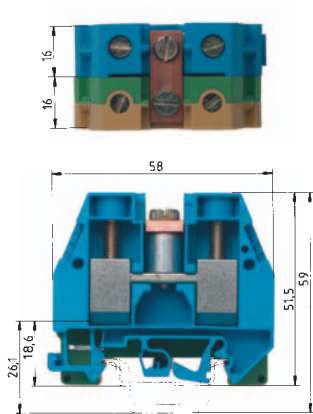
fine-stranded	solid/stranded	V	A
1 – 10 mm ²	1.5 – 16 mm ²	400 V/6 kV/3	57
No. 16-6 AWG		600 V	65/65
No. 16-6 AWG		600 V	70
20 mm		18 mm	

WKI 16 PEN/35

fine-stranded	solid/stranded	V	A
1 – 16 mm ²	1.5 – 25 mm ²	400 V/6 kV/3	76
No. 12-4 AWG		600 V	65/65
No. 14-4 AWG		600 V	95
24 mm		16 mm	

PEN assembly block		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
green/yellow – blue		WKI 10 PEN/35	56.510.9455.0	20	WKI 16 PEN/35	56.516.9455.0	20
Accessories							
1. Mounting rail TS 35, DIN rail 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail TS 35, DIN rail 15 mm high	L = 2 m	35 x 27 x 15 EN 60715	98.360.0000.0	1	35 x 27 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100
End clamp for TS 35, without screws	8 mm wide	WEF 1/35	Z5.523.9353.0	100			
3. End plate	1.5 mm thick	gray					
	1.5 mm thick	blue	API 10-16 BLAU	07.311.9455.6	10	API 10-16 BLAU	07.311.9455.6
	1.5 mm thick	green					
End plate	2 mm thick	gray					
	2 mm thick	blue					
	2 mm thick	green					
4. Partition plate		gray					
		blue					
5. Cross connector with screws (jumper bar)	2 pole						
insulated	3 pole						
	4 pole						
	5 pole						
	6 pole						
6. Partition plate with marking facility	yellow	TS 10 GELB	07.311.2353.8	10	TS 16 GELB	07.311.2453.8	10
7. Cover with marking facility	yellow	AD VB 10 GELB	04.326.2353.8	10	AD VB 16 GELB	04.326.2453.8	10
8. Cover with warning symbol over 4 blocks	yellow						
Cover with warning symbol for 1 block	yellow	ADI 10/1 GELB	04.325.8553.8	10	AD 16/1 GELB	04.325.8653.8	10
9. Busbar							
E-Cu 10 x 3 mm, tin-plated, I _N = 140	L = 1 m						
E-Cu 10 x 3 mm, unplated, I _N = 140 A	L = 1 m						
10. Connector clamp for busbar							
	16 mm ²	8.5 mm wide					
	35 mm ²	17 mm wide					
11. Busbar support	4 mm wide						
Busbar support	8 mm wide						
Marking accessories see page 230-237							

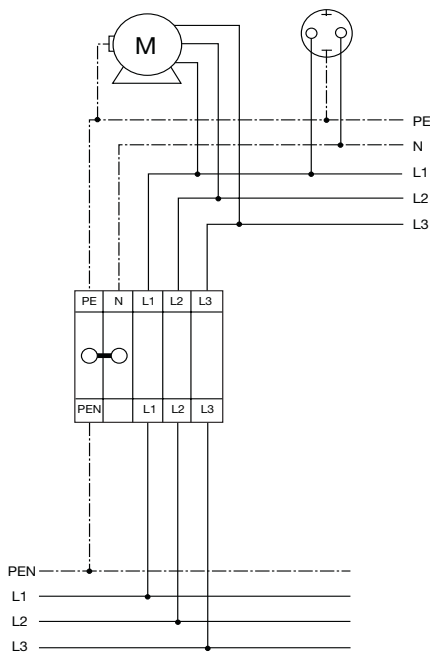
PEN assembly block with screw connection for junction boxes, type WKI...



WKI 35 PEN/35

fine-stranded	stranded	V	A
16 – 35 mm ²	16 – 50 mm ²	400 V/6 kV/3	125
No. 10-2 AWG		600 V	95/95
No. 10-2 AWG		600 V	110
32 mm			13 mm

Type	Part No.	Std. Pack
WKI 35 PEN/35	56.535.9455.0	10
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 27 x 15 EN 60715	98.360.0000.0	1
9708/2 S35	Z5.522.8553.0	100
API 35 BLAU	07.311.8855.6	10
TS 35 GELB	07.311.8653.8	10
AD 35/1 GELB	04.325.8753.8	10



PEN assembly block for junction box IEC 947-7-2 EN 60947-7-2

Electrical power is often supplied to the plant in a 4 conductor three phase system (L1, L2, L3, and Ground). However, the electrical equipment in the plant may require a 5 conductor three phase system (L1, L2, L3, N, and Ground). Therefore, it is important to have a connection system to accommodate both possibilities.

The Wieland **WKI ... PEN/35** system accomplishes this task. The PEN assembly terminal block consists of a ground terminal which is grounded to the DIN rail and a neutral terminal (color coded blue) which is electrically isolated from the DIN rail. The two terminals are commoned via a cross connector (jumper bar) thereby, tying the neutral terminal to ground.

When using the PEN assembly terminal block system, the DIN mounting rail only acts as a grounding bus. Therefore, copper mounting rail is not required and standard zinc plated steel DIN can be used for grounding purposes.

These assemblies have the same symmetry as the corresponding feed-through terminals of the WKI series and fit the height required for junction boxes per DIN 43871 when using DIN rail size 35 x 27 x 7.5.