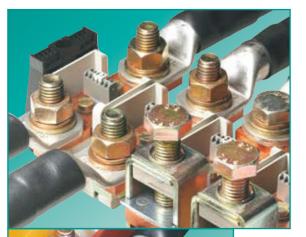
### High current terminal blocks with screw connection **selos** POWER LINE



selos POWER LINE is designed for use in mechanical and plant engineering, railed travel and in battery applications.

Wieland offers a program which was especially developed for high current applications. The portfolio includes feed through blocks and ring lug terminals. The type RFK feed through blocks in 4 different cross sections between 95 and 240 mm<sup>2</sup> and different types of connection (e.g., rising cage or ring lug connection) are available.

Ring lug terminals augment the **selos** POWER LINE product line. Blocks with ring lug sizes from M 6 to M 12 are available for the connection of wires with crimped cable shoes.

Extensive accessories optimize the **selos** POWER LINE for a wide variety of applications.

### Technical data as per EN 60947-7:

 $95\,mm^2-240\,mm^2$ Rated current: up to 415A Rated cross section: Rated voltage: 1000 V

### **High current blocks**, • Up to 240 mm² rated cross section type RFK

- Cable connection via ring lug connection technology, direct connection with rising cage or hybrid solutions
- Current rails and jumper rails made of E-Cu
- Screw retainer via folded block body or tension disk

### Lug ring connection blocks

- For the connection of cable shoes in versions from M 6 to
- Screw retainer via locking washer
- Approved for international rail transportation standards

### Accessories for **selos** POWER

- Covers for provision of protection against accidental touch
- Jumper rails made of E-Cu; 2, 3 and 4-pin
- Partition plates for optical and electrical separation
- All components can be marked with the Wieland standard marking system.

### Mounting notice

• When tightening the block screws, we recommend countering by holding the wire to avoid deformation of the mounting rail and to keep the foot of the block free of torsional forces.



# selos



BK M ...

DIN VDE 0110 UL ratings CSA ratings Width Approvals

Field/factory wiring

Wire strip length

KEMA **91** (1)

V A 1000 V/8 kV/3<sup>1)</sup>

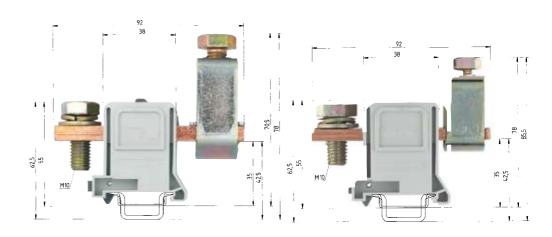
BK M BK M BK M BK M  BK	8/35 32.540.0053.0 25 10/35 32.550.0053.0 25 12/35 32.560.0053.0 25 7 x 7,5 EN 60715 98.300.0000.0 1 4 x 15 EN 60715 98.360.0000.0 1 U Z5.523.5753.0 100 2 S35 Z5.522.8553.0 100
BK M  BK M  BK M  BK M  BK M  BK M  Accessories  1. Mounting rail TS 35, DIN rail 7.5 mm high	8/35 32.540.0053.0 25 10/35 32.550.0053.0 25 12/35 32.560.0053.0 25 7 x 7,5 EN 60715 98.300.0000.0 1 4 x 15 EN 60715 98.360.0000.0 1 U Z5.523.5753.0 100 2 S35 Z5.522.8553.0 100 /35 Z5.523.9353.0 100 KM 6/35 07.340.3553.0 25 KM 10-12/35 07.340.3753.0 25 KM 10-12/35 07.340.3753.0 25 KM 10-12/35 07.340.3753.0 25
Accessories  1. Mounting rail TS 35, DIN rail 7.5 mm high	10/35 32.550.0053.0 25 12/35 32.560.0053.0 25 7 x 7,5 EN 60715 98.300.0000.0 1 4 x 15 EN 60715 98.360.0000.0 1 U Z5.523.5753.0 100 2 S35 Z5.522.8553.0 100 /35 Z5.523.9353.0 100 KM 6/35 07.340.3553.0 25 KM 8/35 07.340.3653.0 25 KM 10-12/35 07.340.3753.0 25 KM 10-12/35 07.340.3753.0 25
Accessories  1. Mounting rail TS 35, DIN rail 7.5 mm high	12/35 32.560.0053.0 25  7 x 7,5 EN 60715 98.300.0000.0 1  4 x 15 EN 60715 98.360.0000.0 1  U Z5.523.5753.0 100  2 S35 Z5.522.8553.0 100  /35 Z5.523.9353.0 100  K M 6/35 07.340.3553.0 25  K M 10-12/35 07.340.3753.0 25  K M 10-12/35 07.340.3753.0 25  K M 10-12/35 07.340.3753.0 25
Accessories  1. Mounting rail TS 35, DIN rail 7.5 mm high	7 x 7,5 EN 60715 98.300.0000.0 1 4 x 15 EN 60715 98.360.0000.0 1 U Z5.523.5753.0 100 2 S35 Z5.522.8553.0 100 /35 Z5.523.9353.0 100 K M 6/35 07.340.3553.0 25 K M 10-12/35 07.340.3753.0 25 K M 10-12/35 07.340.3753.0 25 K M 10-12/35 07.340.3753.0 25
Mounting rail TS 35, DIN rail, 15mm high L = 2m 35 x 2/2.  2. End clamp with U-foot 10 mm wide WE 1/2.  End clamp TS 35, with screw 8 mm wide 9708/2.  End clamp TS 35, with screw 8 mm wide WEF 1/3.  Partition for BK M 6 TW BK 1/4 BK	4 x 15 EN 60715 98.360.0000.0 1 U Z5.523.5753.0 100 2 S35 Z5.522.8553.0 100 /35 Z5.523.9353.0 100 K M 6/35 07.340.3553.0 25 K M 8/35 07.340.3653.0 25 K M 10-12/35 07.340.3753.0 25 K M 10-12/35 07.340.3753.0 25
1. Mounting rail TS 35, DIN rail 7.5mm high	4 x 15 EN 60715 98.360.0000.0 1 U Z5.523.5753.0 100 2 S35 Z5.522.8553.0 100 /35 Z5.523.9353.0 100 K M 6/35 07.340.3553.0 25 K M 8/35 07.340.3653.0 25 K M 10-12/35 07.340.3753.0 25 K M 10-12/35 07.340.3753.0 25
Mounting rail TS 35, DIN rail, 15mm high L = 2m 35 x 2/2.  2. End clamp with U-foot 10 mm wide WE 1/2.  End clamp TS 35, with screw 8 mm wide 9708/2.  End clamp TS 35, with screw 8 mm wide WEF 1/3.  Partition for BK M 6 TW BK 1/4 BK	4 x 15 EN 60715 98.360.0000.0 1 U Z5.523.5753.0 100 2 S35 Z5.522.8553.0 100 /35 Z5.523.9353.0 100 K M 6/35 07.340.3553.0 25 K M 8/35 07.340.3653.0 25 K M 10-12/35 07.340.3753.0 25 K M 10-12/35 07.340.3753.0 25
2. End clamp with U-foot 10 mm wide WE 1/ End clamp TS 35, with screw 8 mm wide 9708/2 End clamp TS 35, without screw 8 mm wide WEF 1 3. Partition for BK M 6 TW BK for BK M 10 TW BK for BK M 12 TW BK for BK M 12 TW BK 4. Jumper rails for tab connection blocks from E-Cu for 2 blocks BK M 6 VB BK for 3 blocks BK M 8 VB BK for 3 blocks BK M 8 VB BK for 2 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 10 VB BK	U Z5.523.5753.0 100 2 S35 Z5.522.8553.0 100 /35 Z5.523.9353.0 100 K M 6/35 07.340.3553.0 25 K M 8/35 07.340.3653.0 25 K M 10-12/35 07.340.3753.0 25 K M 10-12/35 07.340.3753.0 25
End clamp TS 35, with screw End clamp TS 35, without screw 8 mm wide WEF 1  3. Partition for BK M 6 for BK M 8 for BK M 10 TW BK for BK M 12 FOR BK M 12 FOR BK M 13 FOR BK M 14 FOR BK M 15 FOR BK M 16 FOR BK M	2 S35     Z5.522.8553.0     100       /35     Z5.523.9353.0     100       K M 6/35     07.340.3553.0     25       K M 8/35     07.340.3653.0     25       K M 10-12/35     07.340.3753.0     25       K M 10-12/35     07.340.3753.0     25
End clamp TS 35, without screw  8 mm wide  For BK M 6  TW BK  for BK M 10  TW BK  For BK M 12  TW BK  TO BK M 10  TW BK  TO BK	/35     Z5.523.9353.0     100       K M 6/35     07.340.3553.0     25       K M 8/35     07.340.3653.0     25       K M 10-12/35     07.340.3753.0     25       K M 10-12/35     07.340.3753.0     25
3. Partition for BK M 6 TW BK for BK M 10 TW BK for BK M 10 TW BK for BK M 12 TW BK for 2 blocks BK M 6 VB BK for 3 blocks BK M 6 VB BK for 2 blocks BK M 8 VB BK for 3 blocks BK M 8 VB BK for 2 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 12 VB BK	K M 6/35     07.340.3553.0     25       K M 8/35     07.340.3653.0     25       K M 10-12/35     07.340.3753.0     25       K M 10-12/35     07.340.3753.0     25
for BK M 8 TW BK for BK M 10 TW BK for BK M 12 TW BK 4. Jumper rails for tab connection blocks from E-Cu for 2 blocks BK M 6 VB BK for 3 blocks BK M 8 VB BK for 3 blocks BK M 8 VB BK for 2 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 10 VB BK	K M 8/35     07.340.3653.0     25       K M 10-12/35     07.340.3753.0     25       K M 10-12/35     07.340.3753.0     25
for BK M 10 TW BK for BK M 12 TW BK  4. Jumper rails for tab connection blocks from E-Cu for 2 blocks BK M 6 VB BK for 3 blocks BK M 8 VB BK for 3 blocks BK M 8 VB BK for 2 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 10 VB BK for 2 blocks BK M 10 VB BK	( M 10-12/35 07.340.3753.0 25 ( M 10-12/35 07.340.3753.0 25
for BK M 12 TW BK  4. Jumper rails for tab connection blocks from E-Cu  for 2 blocks BK M 6 VB BK  for 3 blocks BK M 8 VB BK  for 3 blocks BK M 8 VB BK  for 2 blocks BK M 10 VB BK  for 3 blocks BK M 10 VB BK  for 3 blocks BK M 10 VB BK  for 2 blocks BK M 10 VB BK  for 2 blocks BK M 12 VB BK	( M 10-12/35 07.340.3753.0 25
4. Jumper rails for tab connection blocks from E-Cu for 2 blocks BK M 6 VB BK for 3 blocks BK M 8 VB BK for 2 blocks BK M 8 VB BK for 3 blocks BK M 8 VB BK for 2 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 12 VB BK	
for 2 blocks BK M 6 VB BK for 3 blocks BK M 6 VB BK for 2 blocks BK M 8 VB BK for 3 blocks BK M 8 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 12 VB BK	M 6/35-2 07.205.5227.0 20
for 3 blocks BK M 6 VB BK for 2 blocks BK M 8 VB BK for 3 blocks BK M 8 VB BK for 2 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 12 VB BK	M 6/35-2 07.205.5227.0 20
for 2 blocks BK M 8 VB BK for 3 blocks BK M 8 VB BK for 2 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 12 VB BK	
for 3 blocks BK M 8 VB BK for 2 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 12 VB BK	M 6/35-3 07.205.5327.0 10
for 2 blocks BK M 10 VB BK for 3 blocks BK M 10 VB BK for 2 blocks BK M 12 VB BK	M 8/35-2 07.205.7227.0 20
for 3 blocks BK M 10 VB BK for 2 blocks BK M 12 VB BK	M 8/35-3 07.205.7327.0 10
for 2 blocks BK M 12 VB BK	M 10/35-2 07.205.8227.0 20
	M 10/35-3 07.205.8327.0 10
	M 12/35-2 07.205.9227.0 20
for 3 blocks BK M 12 VB BK	M 12/35-3 07.205.9327.0 10
5. Cover for BK M 6 AD BK	M 6-8/35 04.304.0181.0 1
for BK M 8 AD BK	M 6-8/35 04.304.0181.0 1
for BK M 10 AD BK	M 10-12/35 04.304.0281.0 1
for BK M 12 AD BK	
6. Installation clip for Cover	M 10-12/35 04.304.0281.0 1

1) with partition TW BK

Туре	Width	Height	Rated current					
BK M 6	19mm	56mm	125 A					
BK M 8	24mm	65 mm	150 A					
BK M 10	35mm	72 mm	265 A					
BK M 12	35mm	74 mm	265 A					
Detailed drawing data on request.								

For marking systems see pages 70-75

## High current blocks with screw connection **selos** POWER LINE



1000V

600 V

600 V

### RFK 1/95... S35

fine-stranded V

16-95 mm<sup>2</sup>

6-3/0 AWG

6-3/0 AWG

32 mm

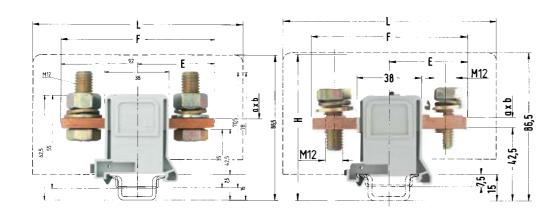
DIN VDE 0611 Teil 1/EN 60947-7-1 **UL** ratings Field/factory wiring CSA ratings

Width Wire strip length

### RFK 1/150... S35

fine-stranded Α 70-150 mm<sup>2</sup> 1000 V 335 200 0 AWG - 300 MCM 600V 275 200 0 AWG - 300 MCM 600 V 300 27 mm 42 mm  $27\,mm$ <u>∕sev</u> (N) LR **71.0** 

Width Approvals	Wire str	ip length	32 mm ⓐ ∕₅₅\ № เห <b>९\\</b> €		27 mm	42 mm <u>∕sev</u> № <b>เห %\ (£)</b>			27 mm
7 (pp10 vais									
		_	Туре	Part No.	Std. Pack	Туре	Part No.	Std. Pack	
Configurations	gray	F	RFK 1/95 F S 35	56.395.0055.0	10	RFK 1/150 F S35	56.397.0055.0	10	
	gray	K	RFK 1/95 K S 35	56.395.0155.0	10	RFK 1/150 K S35	56.397.0155.0	10	
	gray	FK	RFK 1/95 FK S 35	56.395.0255.0	10	RFK 1/150 FK S35	56.397.0255.0	10	
	gray	FM	RFK 1/95 FM S 35	56.395.1055.0	10				
	gray	FMK	RFK 1/95 FMK S 35	56.395.1255.0	10	RFK 1/150 FMK S35	56.397.1255.0	10	
Accessories									
1. Mounting rail TS 35,	DIN rail 7.5 mm high	L=2m	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=2m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
Mounting rail TS 32,	G rail	L=2m							
2. End clamp with U-fo	ot 10	mm wide	WE 2/U	Z5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100	
End clamp TS 35, wit	th screw 8	mm wide	9708/2 S35	Z5.522.8553.0	100	9708/2 S35	Z5.522.8553.0	100	
End clamp TS 35, wit	thout screw 8	mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	
3. Cover for RFK 1/		yellow		Z7.409.5753.0	10		Z7.409.5853.0	10	
4. Partition/end plate PA	A 6.6 2.8	mm thick	TE/RFK 1/95	07.340.0353.0	50	TE/RFK 1/150 - 240 PA	07.340.1053.0	50	
5. Jumper bar for tab co	onnection blocks	from E-Cu							
	fc	r 2 blocks	VB RFK 1/95/2/32	07.205.1227.0	20	VB RFK 1/185/2	07.201.4227.0	10	
	fc	r 3 blocks	VB RFK 1/95/3/32	07.205.1327.0	10	VB RFK 1/185/3	07.201.4327.0	10	
	fc	r 4 blocks	VB RFK 1/95/4/32	07.205.1427.0	10	VB RFK 1/185/4	07.201.4427.0	10	



### RFK 1/185... S35

0 AWG - 400 kcmil

0 AWG - 400 kcmil

SEV NV LR **71 ()** 

42 mm

V 1000 V/8 kV/3 353 600 V 375

600 V 375 27 mm 42 mm

### RFK 1/240... S35

fine-stranded stranded V 70-240 mm<sup>2</sup> 70-240 mm<sup>2</sup> 1000 V/8 kV/3 415 0 AWG - 500 kcmil 600 V 375 3/0 AWG - 500 kcmil 600 V 425 

27 mm

mm²	Type	axb	МΙ	ΜII	Н	L	F	E
185	F, FM	6x26	M 12	-	-	200	92	46
	F, FM	8x26	M 12	-	-	200	92	46
240	FK, FMK	8x26	M 12	M 12	100,5	200	102	46
	K	8x26	-	M 12	100,5	200	112	56

6.398.0055.0 6.398.1055.0	10	RFK 1/240 F S 35*)  RFK 1/240 K S 35  RFK 1/240 FK S 35*)  RFK 1/240 FM S 35*)  RFK 1/240 FMK S 35*)	56.399.0055.0 56.399.0155.0 56.399.0255.0 56.399.1055.0	10 10 10 10	
	10	RFK 1/240 FK S 35*) RFK 1/240 FM S 35*)	56.399.0255.0 56.399.1055.0	10	
	10	RFK 1/240 FM S 35*)	56.399.1055.0		
	10			10	
		RFK 1/240 FMK S 35*)	FC 200 12FF 2		
			56.399.1255.0	10	
	4	05 07 7 5 FN 00745	00,000,000,0		
3.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	
3.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
5.523.5653.0	100	WE 2/U	Z5.523.5653.0	100	
5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100	
5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	
7.409.5853.0	10		Z7.409.5853.0	10	
7.340.1053.0	50	TE/RFK 1/150 - 240 PA	07.340.1053.0	50	
7.201.4227.0	10	VB RFK 1/240/2	07.201.8227.0	10	
7.201.4327.0	10	VB RFK 1/240/3	07.201.8327.0	10	
7.201.4427.0	10	VB RFK 1/240/4	07.201.8427.0	10	

	1 , 1 IVI	0 / 20	IVIIZ	_	_	200	32	40
240	FK, FMK	8x26	M 12	M 12	100,5	200	102	46
	K	8x26	-	M 12	100,5	200	112	56





Κ



FΚ



FM



**FMK** 

