



## IEC General Purpose Fuses DIN Fuses BusBar System: Wiring Bars



### Wiring Bars

#### Fork design

- Wiring bars in fork-type design are ideal for the wiring of modular panel-mounting devices as per DIN 43880 with flat-type, dual-function or single-screw terminals.
- Additional incoming terminals are required when wiring devices with flat-type or single-screw terminals.
- In contrast, devices with dual-function terminals allow bar connection to the top section of the terminal with simultaneous incoming supply in the bottom section.
- The use of end caps on multi-pole wiring bars guarantees optimum shock-hazard protection and prevents arcing at bar ends.

#### Pin design

- Wiring bars in pin design are ideal for the wiring of modular panel-mounting devices to DIN 43880 with box terminal, frame terminal or two-screw clamp.
- The incoming supply to the wiring-bar system is provided over additional incoming terminals.

The wiring bar maximum current-carrying capacity is obtained by providing the incoming supply at the center of the bars.

#### Technical data

	One-phase wiring					
Cross-section of bar	10 mm <sup>2</sup>	12 mm <sup>2</sup>	16 mm <sup>2</sup>	20 mm <sup>2</sup>	24 mm <sup>2</sup>	36 mm <sup>2</sup>
Max. bar current I <sub>s</sub> /Phase A	50 A	55 A	65 A	75 A	85 A	110 A
Max. input current I <sub>s</sub> /Phase in A at centric input	100 A	110 A	130 A	150 A	170 A	220 A

Mehrphasenverdrahtung		
Schienenquerschnitt	10 mm <sup>2</sup>	16 mm <sup>2</sup>
max. Schienenstrom	50 A	65 A
max. Einspeisestrom at centric input	100 A	130 A

Rated voltage:	400 V
High voltage strength:	up to 3 kV
Short-circuit strength:	up to 25 kA at 100 A back-up fuse
Vorschriften:	VDE 0606/9.77
Material of bars:	copper SF-Cu
Material of insulating section:	high temperature resistance low flammability self-extinguishing halogen-free



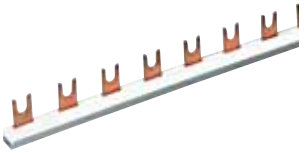
## IEC General Purpose Fuses DIN Fuses BusBar System: Wiring Bars

### Wiring Bars Fork design

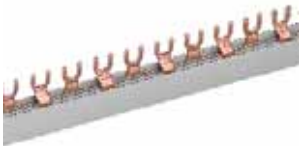
Number of poles (mm)	Division ratio (mm≈)	Cross section (mm)	Length	Circuits	Previous ref.	Ref. Number	Cat. Number	Packing
1	9	10	1000	57	01790.000000	W207387		100
1	9	24	1000	57	01790.240000	W211527		50
1	17,8	12	210	12	02955.000000	F218689		100
1	17,8	12	1000	57	02956.000000	T219207		50
1	27	36	1000	36	01791.000000	H213033		50



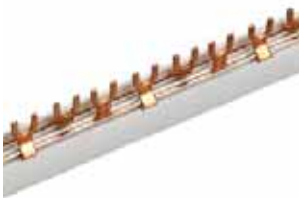
Number of poles (mm)	Division ratio (mm≈)	Cross section (mm)	Length	Circuits	Previous ref.	Ref. Number	Cat. Number	Packing
1	17,8	12	210	12	02960.120000	Z222938		50
1	17,8	12	1000	57	02959.120000	W219738		50
1	17,8	20	1000	57	02959.200000	D222183		50
1	27	16	1000	36	01792.160000	B212038		50
1	27	24	1000	36	01792.240000	T212560		50



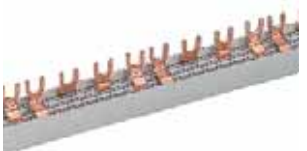
Number of poles (mm)	Division ratio (mm≈)	Cross section (mm)	Length	Circuits	Previous ref.	Ref. Number	Cat. Number	Packing
2	17,8	16	1000	28	02948.160000	M215613		20
2	27	16	1000	19	02949.160000	V216126		5



Number of poles (mm)	Division ratio (mm≈)	Cross section (mm)	Length	Circuits	Previous ref.	Ref. Number	Cat. Number	Packing
3	17,8	10	210	4	02950.000000 <sup>1)</sup>	S216630 <sup>1)</sup>		25
3	17,8	10	1000	19	02951.000000 <sup>1)</sup>	J217657 <sup>1)</sup>		20
3	17,8	16	210	4	02950.000000 <sup>1)</sup>	S216630 <sup>1)</sup>		25
3	17,8	16	1000	19	02951.000000 <sup>1)</sup>	J217657 <sup>1)</sup>		20
3	17,8	16	210	1/3	02946.000000 <sup>1) 2)</sup>	F214595 <sup>1) 2)</sup>		25



Number of poles (mm)	Division ratio (mm≈)	Cross section (mm)	Length	Circuits	Previous ref.	Ref. Number	Cat. Number	Packing
3	27	16	1000	12	01797.160000 <sup>1)</sup>	Z213577 <sup>1)</sup>		20
3	27	16	1000	12	01795.160000	E213076		20
4	17,8	16	1000	14	02947.160000	L215106		15



<sup>1)</sup> Forks in centric position

<sup>2)</sup> für einen 4-pol. FI-Schutzschalter und acht 1-pol. LS-Schalter (N-Pol ausgespart)



# Gears & Fuse Gears

## IEC General Purpose Fuses DIN Fuses BusBar System: Wiring Bars



### Wiring Bars

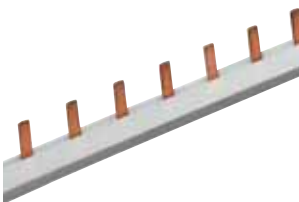
### Utilization

### Connection terminals

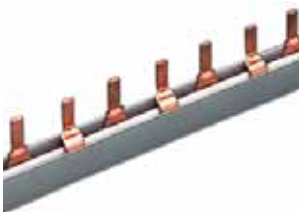
Ref. Number	Cat. Number	LINOCUR D01	LINOCUR D02	NEOZED-base with screw term.	Plastic base LINOZED	End cap Ref. Number	V219208	B213533	G218690	T218172
W207387		•		•			•	•		
W211527		•		•			•	•		
F218689		•					•	•		
T219207		•					•	•		
H213033				•			•	•		
Z222938										
W219738										
B212038			•		•					
T212560			•		•					
M215613		•				E222184	•	•		
V216126			•			H201786				
Z213577		•		•		E222184				
E213076			•			E222184		•	•	
L215106					•	Y201271				

### Pin design

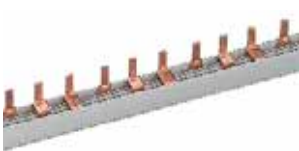
### Wiring bars



Number of poles (mm)	Division ratio (mm⇒)	Cross section (mm)	Length	Circuits	Previous ref.	Ref. Number	Cat.Number	Packing
1	17,8	10	1000	57	02961.000000	H200728		20
1	17,8	16	1000	57	02961.160000	X207388		20
1	27	16	1000	37	02963.000000	M215107		50

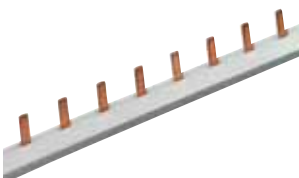


Number of poles (mm)	Division ratio (mm⇒)	Cross section (mm)	Length	Circuits	Previous ref.	Ref. Number	Cat.Number	Packing
2	17,8	10	1000	28	02961.002000	X201270		20
2	17,8	16	1000	28	02961.162000	C212039		20



Number of poles (mm)	Division ratio (mm⇒)	Cross section (mm)	Length	Circuits	Previous ref.	Ref. Number	Cat.Number	Packing
3	17,8	10	210	4	02964.000000	W216127		25
3	17,8	10	1000	19	02961.003000	G201785		20
3	17,8	16	210	4	02964.160000	T216631		25
3	17,8	16	1000	19	02961.163000	A213578		20
3	27	16	1000	12	02963.003000	N215614		20

### End cap



	Previous ref.	Ref. Number	Cat.Number	Packing
16 mm <sup>2</sup> 2 u. 3-pol.	01796.000000	E222184		10
10 mm <sup>2</sup> 3-pol.	02952.000000	A222939		10
10 mm <sup>2</sup> 2-pol.	02953.000000	J200729		10
16 mm <sup>2</sup> 4-pol.	02954.000000	Y201271		10
for V216126	02965.000000	H201786		10



## IEC General Purpose Fuses DIN Fuses BusBar System: Wiring Bars

### Wiring Bars

### Utilization

### Connection terminals

Ref. Number	Cat. Number	NEOZED base with twin-screw term.	NEOKIT	End cap article no.	V219208	F217148	K217658
H200728			•		•		
X207388			•		•		
M215107		•			•	•	
X201270		•		J200729	•		•
C212039		•		E222184	•		•
W216127			•	incl.	•		•
G201785			•	A222939	•		•
T216631			•	incl.	•		•
A213578			•	E222184	•		•
N215614		•		E222184	•	•	

### Pin design

#### Connection terminals for input

Fork design



Max. terminal cross section (mm <sup>2</sup> )	Insulated yes/no	Version short/long	Previous ref.	Ref. Number	Cat. Number	Packing
25	yes	short	02990.000000	V219208		30
35	no	short	02972.000000	B213533		50
35	yes	long	02979.000000	G218690		35



#### Connection terminals for input

Pin design



Max. terminal cross section (mm <sup>2</sup> )	Insulated yes/no	Version short/long	Previous ref.	Ref. Number	Cat. Number	Packing
25	yes	short	02991.000000	X219739		30
35	no	short	02976.000000	F217148		50
35	no	long	02977.000000	K217658		50



### Universal terminal

Steg-/Fork design

Max. terminal cross section (mm <sup>2</sup> )	Insulated yes/no	Version short/long	Previous ref.	Ref. Number	Cat. Number	Packing
35	yes	*	02978.000000	T218172		10



\* Terminal must be put on wiring bar superately



# Gears & Fuse Gears

IEC General Purpose Fuses  
DIN Fuses  
BusBar System: Wiring Bars



Wiring Bars



## NEOZED base D01 and D02

3-pole wiring with E213076  
Connection terminals V219208



## NEOZED base D01 and D02

3-pole wiring with E213076  
Connection terminals G218690



## NEOZED base D02

with twin-screw terminal below  
3-pole wiring with N215614  
Connection terminals X219739

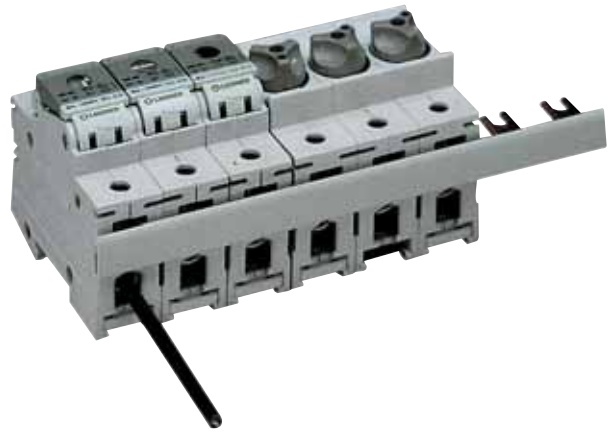


IEC General Purpose Fuses  
DIN Fuses  
BusBar System: Wiring Bars

## Wiring Bars

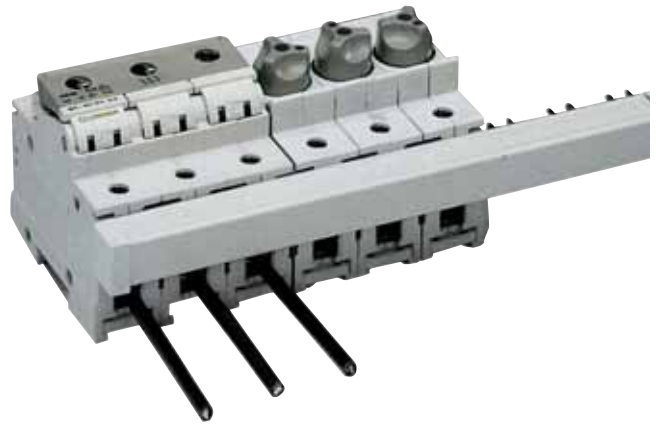
### LINOZED-LINOCUR D02

1-pole wiring with B212038



### LINOZED-LINOCUR D02

3-pole wiring with Z213577



### LINOCUR D02

2-pole wiring with V216126

