

# Terminals with electronic components

## Terminals with electronic components

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>Width/Length/Height w. TS35x7.5</b>	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

### Electronic fixtures

Diode current / diode voltage	V / A
LED-voltage, LED-current, polarity	V / mA / -
Resistance	-/V

### Clampable conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

### Information

### Ordering data

Version	
Design of terminal	dark beige Wemid
see circuit diagram above	green Wemid
	Dark beige Wemid (LED red)
	Dark beige Wemid (LED green)

### Information

### Accessories

#### Cross-connection, pluggable

	(ZQV 2.5N/4)	2-pole	ZQV 2.5/2	24	60	1608860000
		3-pole	ZQV 2.5/3	24	60	1608870000
		4-pole	ZQV 2.5/4	24	60	1608880000
		10-pole	ZQV 2.5/10	24	20	1608940000
		50-pole	ZQV 2.5/50	24	10	1697540000

#### Cross-connection, screwable

	WQV 2.5-3	2-pole				
		3-pole				
		4-pole				
		10-pole				

#### End plate / partition

	dark beige Wemid
--	------------------

#### End bracket

	dark beige / beige
--	--------------------

#### Screwdriver

	w. cutting device "swiftly set"					
	Standard version					

#### Reducing sleeves

	for conductors < 0.5mm <sup>2</sup> / AWG 20					
	for conductors < 1.0mm <sup>2</sup> / AWG 18					

#### Marking systems (see large assortment in chapter M)

	Tags
--	------

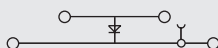
For detailed information on additional accessories and usage instructions see chapter accessories.

### IDK 1.5N/D1

1.5 mm<sup>2</sup>



5.1 x 100 x 54  
/ 1.5  
0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
500	300	300	
10	10	15	
1.5	AWG 24 ...16	AWG 24...16	
		6 / 3	
		/ V-0	

#### Rated connection

0.21...1.5

0.21...1.5

/ 0.6 x 3.5

Soldered up diode: Type N 4007, reverse voltage 1000V, current 1 A; current of the through-going busbar = 10 A

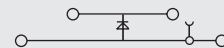
Type	Qty.	Order No.
IDK 1.5N/D1	50	1820030000

### IDK 1.5N/D2

1.5 mm<sup>2</sup>



5.1 x 100 x 54  
/ 1.5  
0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
500	300	300	
10	10	15	
1.5	AWG 24 ...16	AWG 24...16	
		6 / 3	
		/ V-0	

#### Rated connection

0.21...1.5

0.21...1.5

/ 0.6 x 3.5

Soldered up diode: Type N 4007, reverse voltage 1000V, current 1 A; current of the through-going busbar = 10 A

Type	Qty.	Order No.
IDK 1.5N/D2	50	1820040000

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Current [A]			

Width [mm]			
IAP 1.5N/DK	2	50	1792520000

Width [mm]			
WEW-35/2	8	100	1061200000

SWIFTY SET		1	9006060000
SD 0,6X3,5X100		10	9008330000

IRH 1.5		100	1804510000
---------	--	-----	------------

WS 10/5			
Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5			

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Current [A]			

Width [mm]			
IAP 1.5N/DK	2	50	1792520000

Width [mm]			
WEW-35/2	8	100	1061200000

SWIFTY SET		1	9006060000
SD 0,6X3,5X100		10	9008330000

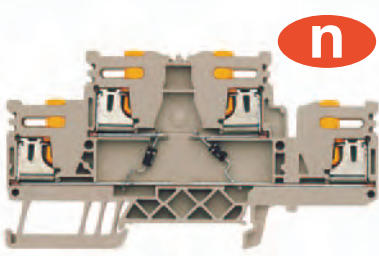
IRH 1.5		100	1804510000
---------	--	-----	------------

WS 10/5			
Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5			

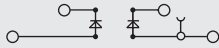
# Terminals with electronic components

IDK 1.5N/D4

1.5 mm<sup>2</sup>



5.1 x 100 x 54  
/ 1.5  
0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
500			
10			
1.5	AWG 24 ...16	AWG 24...16	
	6 / 3		
	/ V-0		

**Rated connection**  
0.21...1.5  
0.21...1.5

**Additional connection**

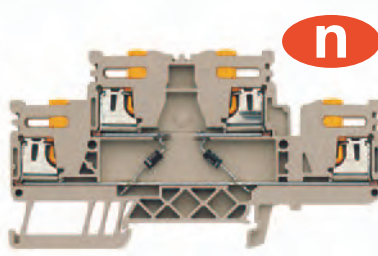
/ 0.6 x 3.5

Soldered up diode: Type N 4007, reverse voltage 1000V, current 1 A; current of the through-going busbar = 10 A

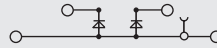
Type	Qty.	Order No.
IDK 1.5N/D4	50	1820050000

IDK 1.5N/D5

1.5 mm<sup>2</sup>



5.1 x 100 x 54  
/ 1.5  
0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
500			
10			
1.5	AWG 24 ...16	AWG 24...16	
	6 / 3		
	/ V-0		

**Rated connection**  
0.21...1.5  
0.21...1.5

**Additional connection**

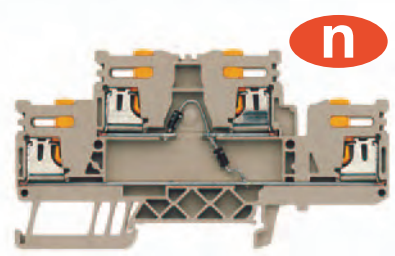
/ 0.6 x 3.5

Soldered up diode: Type N 4007, reverse voltage 1000V, current 1 A; current of the through-going busbar = 10 A

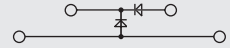
Type	Qty.	Order No.
IDK 1.5N/D5	50	1820060000

IDK 1.5N/D6

1.5 mm<sup>2</sup>



5.1 x 100 x 54  
/ 1.5  
0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
500			
10			
1.5	AWG 24 ...16	AWG 24...16	
	6 / 3		
	/ V-0		

**Rated connection**  
0.21...1.5  
0.21...1.5

**Additional connection**

/ 0.6 x 3.5

Soldered up diode: Type N 4007, reverse voltage 1000V, current 1 A; current of the through-going busbar = 10 A

Type	Qty.	Order No.
IDK 1.5N/D6	50	1820070000

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
<b>Current [A]</b>			

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
<b>Current [A]</b>			

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
<b>Current [A]</b>			

Type	Width [mm]	Qty.	Order No.
IAP 1.5N/DK	2	50	1792520000
WEW-35/2	8	100	1061200000
SWIFTY SET		1	9006060000
SD 0,6X3,5X100		10	9008330000

Type	Width [mm]	Qty.	Order No.
IAP 1.5N/DK	2	50	1792520000
WEW-35/2	8	100	1061200000
SWIFTY SET		1	9006060000
SD 0,6X3,5X100		10	9008330000

Type	Width [mm]	Qty.	Order No.
IAP 1.5N/DK	2	50	1792520000
WEW-35/2	8	100	1061200000
SWIFTY SET		1	9006060000
SD 0,6X3,5X100		10	9008330000

IRH 1.5	100	1804510000
---------	-----	------------

IRH 1.5	100	1804510000
---------	-----	------------

IRH 1.5	100	1804510000
---------	-----	------------

WS 10/5	Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5	
---------	------------------------------------------------------	--

WS 10/5	Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5	
---------	------------------------------------------------------	--

WS 10/5	Conductor < 0.5mm <sup>2</sup> / AWG 24 with IRH 1.5	
---------	------------------------------------------------------	--

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.  
Delivery times see page X.2

Weidmüller

# Terminals with electronic components

## Terminals with electronic components

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>Width/Length/Height w. TS35x7.5</b>	mm
Max. current / max. cond. cross-section	A/mm <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

### Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94	
Approvals	

### Electronic fixtures

Diode current / diode voltage	V / A
LED-voltage, LED-current, polarity	V / mA / -
Resistance	-/V

### Clampable conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range clamping screw	Nm
Stripping length / blade size	mm / -

### Information

### Ordering data

Version	
Design of terminal	dark beige Wemid
see circuit diagram above	green Wemid
	Dark beige Wemid (LED red)
	Dark beige Wemid (LED green)

### Information

### Accessories

#### Cross-connection, pluggable

	(ZQV 2.5N/4)	2-pole	24	60	1608860000
		3-pole	24	60	1608870000
		4-pole	24	60	1608880000
		10-pole	24	20	1608940000
		50-pole	24	10	1697540000

#### Cross-connection, screwable

	WQV 2.5-3	2-pole			
		3-pole			
		4-pole			
		10-pole			

#### End plate / partition

	dark beige Wemid
--	------------------

#### End bracket

	dark beige / beige
--	--------------------

#### Screwdriver

	w. cutting device "swiftly set"	1	9006060000
	Standard version	10	9008330000

#### Reducing sleeves

	for conductors < 0.5mm <sup>2</sup> / AWG 20	100	1804510000
	for conductors < 1.0mm <sup>2</sup> / AWG 18		

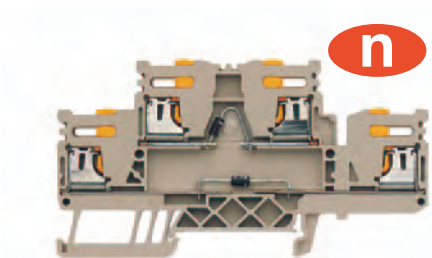
#### Marking systems (see large assortment in chapter M)


	Tags
--	------

For detailed information on additional accessories and usage instructions see chapter accessories.

## IDK 1.5N/DX1

1.5 mm<sup>2</sup>



<b>5.1 x 100 x 54</b>	
<b>/ 1.5</b>	
<b>0.21 ... 1.5</b>	

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
500			
1.5	AWG 24 ...16	AWG 24...16	
		6 / 3	
		/ V-0	

Rated connection	Additional connection
0.21...1.5	
0.21...1.5	
	/ 0.6 x 3.5

Soldered up diode: Type N 4007, reverse voltage 1000V, current 1 A; current of the through-going busbar = 10 A

Type	Qty.	Order No.
IDK 1.5N/DX1	50	1820080000

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Current [A]			

Width [mm]			
IAP 1.5N/DK	2	50	1792520000

Width [mm]			
WEW-35/2	8	100	1061200000

SWIFTY SET	1	9006060000
SD 0,6X3,5X100	10	9008330000

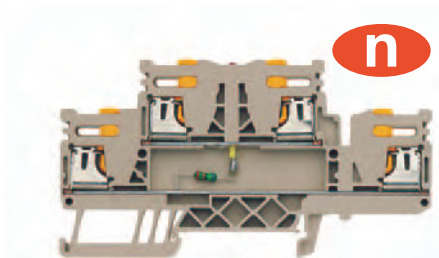
IRH 1.5	100	1804510000
---------	-----	------------

WS 10/5		
---------	--	--

Conductor < 0.5mm<sup>2</sup> / AWG 24 with IRH 1.5

## IDK 1.5N/LD

1.5 mm<sup>2</sup>



<b>5.1 x 100 x 54</b>	
<b>/ 1.5</b>	
<b>0.21 ... 1.5</b>	

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
10			
1.5	AWG 24 ...16	AWG 24...16	
		6 / 3	
		/ V-0	

Rated connection	Additional connection
0.21...1.5	
0.21...1.5	
	/ 0.6 x 3.5

Conductor < 0.5mm<sup>2</sup> / AWG 24 with IRH 1.5  
Current of LED < 5mA

Type	Qty.	Order No.
IDK 1.5N/LD 150V	50	1820720000

IDK 1.5N/LD 36V: 1820090000  
IDK 1.5N/LD 250V: 1820730000

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000

Current [A]			

Width [mm]			
IAP 1.5N/DK	2	50	1792520000

Width [mm]			
WEW-35/2	8	100	1061200000

SWIFTY SET	1	9006060000
SD 0,6X3,5X100	10	9008330000

IRH 1.5	100	1804510000
---------	-----	------------

WS 10/5		
---------	--	--

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany. Delivery times see page X.2

# Terminals with electronic components

IDK 1.5N/S07 K140

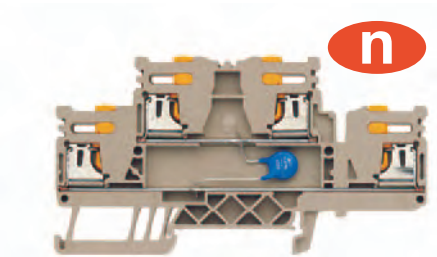
1.5 mm<sup>2</sup>

IDU 2.5N/2X2AN/D+

2.5 mm<sup>2</sup>

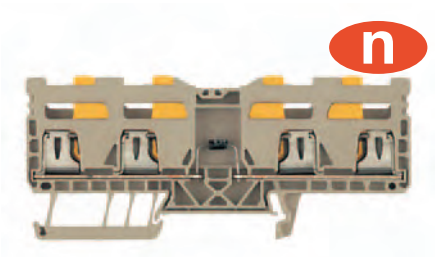
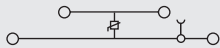
IDU 2.5N/2X2AN/D-

2.5 mm<sup>2</sup>



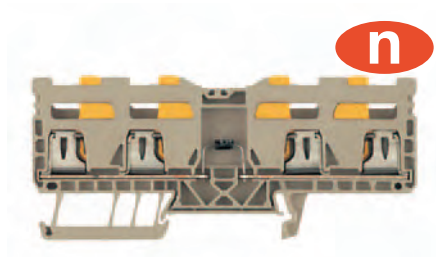
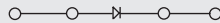
n

5.1 x 100 x 54  
/ 1.5  
0.21 ... 1.5



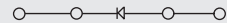
n

6.1 x 105.9 x 45.6  
/ 2.5  
0.5 ... 2.5



n

6.1 x 105.6 x 45.6  
/ 2.5  
0.5 ... 2.5



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
115	115	115	
10	10	10	
1.5	AWG 24 ...16	AWG 24...16	
	6 / 3		
	/ V-0		



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
500			
2.5	AWG 20 ...14	AWG 20...14	
	6 / 3		
	/ V-0		

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 50019
500			
2.5	AWG 20 ...14	AWG 20...14	
	6 / 3		
	/ V-0		

Rated connection	Additional connection
0.21...1.5	
0.21...1.5	

/ 0.6 x 3.5

Conductor < 0.5mm<sup>2</sup> / AWG 24 with IRH 1.5  
Varistor Type: S07 K140

Rated connection	Additional connection
0.5...2.5	
0.5...2.5	

/ 0.6 x 3.5

Soldered up diode: Type N 4007, reverse voltage 1000V, current 1 A

Rated connection	Additional connection
0.5...2.5	
0.5...2.5	

/ 0.6 x 3.5

Soldered up diode: Type N 4007, reverse voltage 1000V, current 1 A

Type	Qty.	Order No.
IDK 1.5N/U S07 K140	50	1820110000

Type	Qty.	Order No.
IDU 2.5N/2X2AN/D+	50	1821240000

Type	Qty.	Order No.
IDU 2.5N/2X2AN/D-	50	1821250000

Type	Current [A]	Qty.	Qty.
ZQV 2.5/2	24	60	1608860000
ZQV 2.5/3	24	60	1608870000
ZQV 2.5/4	24	60	1608880000
ZQV 2.5/10	24	20	1608940000
ZQV 2.5/50	24	10	1697540000
Current [A]			

Type	Current [A]	Qty.	Qty.
Current [A]			

Type	Current [A]	Qty.	Qty.
Current [A]			

Type	Width [mm]	Qty.	Qty.
IAP 1.5N/DK	2	50	1792520000
Width [mm]			
WEW-35/2	8	100	1061200000

Type	Width [mm]	Qty.	Qty.
IAP 2.5N/4AN	2	50	1813070000
Width [mm]			
WEW-35/2	8	100	1061200000

Type	Width [mm]	Qty.	Qty.
IAP 2.5N/4AN	2	50	1813070000
Width [mm]			
WEW-35/2	8	100	1061200000

SWIFTY SET	1	9006060000
SD 0,6X3,5X100	10	9008330000

SWIFTY SET	1	9006060000
SD 0,6X3,5X100	10	9008330000

SWIFTY SET	1	9006060000
SD 0,6X3,5X100	10	9008330000

IRH 1.5	100	1804510000
---------	-----	------------

IRH 2.5	100	1848230000
---------	-----	------------

IRH 2.5	100	1848230000
---------	-----	------------

WS 10/5

WS 10/6

WS 10/6

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.  
Delivery times see page X.2

Weidmüller