

## Feed-through terminals

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.

**width x length x height with TS 35 x 7.5** 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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

## Note

## Ordering data

## Version

dark beige Wemid
blue Wemid

## Note

## Accessories

## Cross-connection, pluggable

	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

## End plate / Partition plate

dark beige Wemid
blue Wemid

## End bracket

dark beige Wemid
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## Test adapter

For testing wired terminal strips	Standard
	with spigot


## Screwdrivers

with cutting device "swifty set"
Standard

## Reducing sleeves

for conductors < 0.5 mm / AWG 20
for conductors < 1.0 mm / AWG 18

## Cover

	with lightning flash symbol
	blank

## Labelling systems (see large assortment in catalogue 7)

Marking tags
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For detailed information on other accessories and applications see "Accessories"

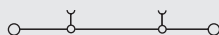
## IDU 1.5N

1.5 mm<sup>2</sup>

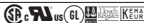
5.1 x 59.5 x 40.5

/ 1.5

0.21 ... 1.5

IEC 60947-7-1 / IEC 60352-4 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24... 16	AWG 24... 16	1.5

 KEMA 02ATEX2241 U

## Rated connection

0.21...1.5

0.21...1.5

/ 0.6 x 3.5

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

Type	Qty.	Order No.
IDU 1.5N	100	1792540000
IDU 1.5N BL	100	1792550000

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

	width [mm]		
IAP 1.5N	2	50	1792430000
IAP 1.5N BL	2	50	1792440000

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

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

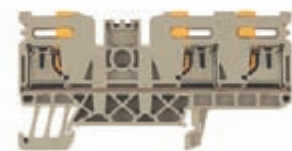
SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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IAD 1/4 GE MIT BLITZ	20	1805500000
IAD 1/4 GE Neutral	20	1818420000

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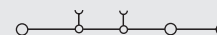

## IDU 1.5N/3AN

1.5 mm<sup>2</sup>

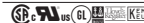
5.1 x 78.5 x 40.5

/ 1.5

0.21 ... 1.5

IEC 60947-7-1 / IEC 60352-4 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24... 16	AWG 24... 16	1.5

 KEMA 02ATEX2241 U

## Rated connection

0.21...1.5

0.21...1.5

/ 0.6 x 3.5

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

Type	Qty.	Order No.
IDU 1.5N/3AN	100	1792570000
IDU 1.5N/3AN BL	100	1792580000

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

	width [mm]		
IAP 1.5N/3AN	2	50	1792450000
IAP 1.5N/3AN BL	2	50	1792460000

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

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

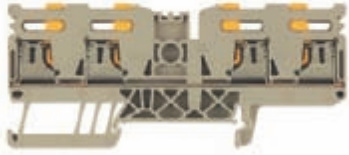
IRH 1.5	100	1804510000
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IAD 1/4 GE MIT BLITZ	20	1805500000
IAD 1/4 GE Neutral	20	1818420000

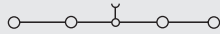
WS 10/5
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**IDU 1.5N/4AN**

**1.5 mm<sup>2</sup>**



**5.1 x 93.5 x 40.5**  
/ 1.5  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24... 16	AWG 24... 16	1.5
6 / 3			
/ V-0			

KEMA 02ATEX2241 U

**Rated connection**      **further connection**

0.21...1.5  
0.21...1.5

/ 0.6 x 3.5

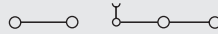
Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

**IDU 1.5N/2X2AN**

**1.5 mm<sup>2</sup>**



**5.1 x 93.5 x 40.5**  
/ 1.5  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
500			275
17.5			15
1.5	AWG 24... 16	AWG 24... 16	1.5
6 / 3			
/ V-0			

KEMA 02ATEX2241 U

**Rated connection**      **further connection**

0.21...1.5  
0.21...1.5

/ 0.6 x 3.5

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

Type	Qty.	Order No.
IDU 1.5N/4AN	100	<b>1792600000</b>
IDU 1.5N/4AN BL	100	<b>1792610000</b>

Type	Qty.	Order No.
IDU 1.5N/2X2AN	100	<b>1824340000</b>

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>

width [mm]			
IAP 1.5N/4AN	2	50	<b>1792470000</b>
IAP 1.5N/4AN BL	2	50	<b>1792480000</b>

width [mm]			
WEW-35/2	8	100	<b>1061200000</b>

ITA 1	25	<b>1803800000</b>
ITA 1/ZA	25	<b>1803810000</b>

SWIFTY SET	1	<b>9006060000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

IRH 1.5	100	<b>1804510000</b>
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IAD 1/4 GE MIT BLITZ	20	<b>1805500000</b>
IAD 1/4 GE Neutral	20	<b>1818420000</b>

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Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>

width [mm]			
IAP 1.5N/4AN	2	50	<b>1792470000</b>
IAP 1.5N/4AN BL	2	50	<b>1792480000</b>

width [mm]			
WEW-35/2	8	100	<b>1061200000</b>

ITA 1	25	<b>1803800000</b>
ITA 1/ZA	25	<b>1803810000</b>

SWIFTY SET	1	<b>9006060000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

IRH 1.5	100	<b>1804510000</b>
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IAD 1/4 GE MIT BLITZ	20	<b>1805500000</b>
IAD 1/4 GE Neutral	20	<b>1818420000</b>

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## Feed-through terminals

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.

**width x length x height with TS 35 x 7.5** 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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

## Note

## Ordering data

## Version

dark beige Wemid	
blue Wemid	

## Note

## Accessories

## Cross-connection, pluggable

	2-pole	ZQV 4/2 GE	32	60	1608950000
	3-pole	ZQV 4/3 GE	32	60	1608960000
	4-pole	ZQV 4/4 GE	32	60	1608970000
	10-pole	ZQV 4/10 GE	32	20	1609030000
	20-/24-pole	ZQV 4/20 GE	32	20	1909010000

## End plate / Partition plate

dark beige Wemid	
blue Wemid	

## End bracket

dark beige Wemid	
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## Test adapter

For testing wired terminal strips	Standard	ITA 2	25	1821210000
	with spigot	ITA 2/ZA	25	1821220000


## Screwdrivers

with cutting device "swifty set"	SWIFTY SET	1	9006060000
Standard	SD 0.6x3.5x100	1	9008330000

## Reducing sleeves

for conductors < 0.5 mm / AWG 20	IRH 2.5	100	1848230000
for conductors < 1.0 mm / AWG 18			

## Cover

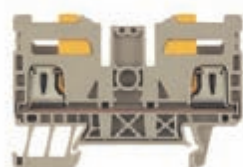
	with lightning flash symbol	IAD 2/4 GE MIT BLITZ	20	1828420000
	blank	IAD 2/4 GE NEUTRAL	20	1828430000

## Labelling systems (see large assortment in catalogue 7)

Marking tags	WS 10/6
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For detailed information on other accessories and applications see "Accessories"

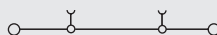
## IDU 2.5N

2.5 mm<sup>2</sup>


6.1 x 66.4 x 45.6

/ 2.5

0.5 ... 2.5

IEC 60947-7-1 / IEC 60352-4 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20... 14	AWG 20... 14	2.5
8 / 3			
/ V-0			

 DEMKO 03ATEX134054U

## Rated connection

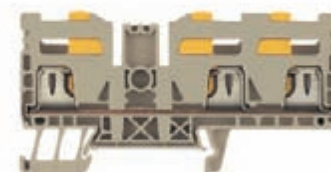
0.5...2.5

0.5...2.5

/ 0.6 x 3.5

## further connection

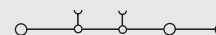
## IDU 2.5N/3AN

2.5 mm<sup>2</sup>

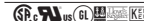
6.1 x 87.9 x 45.6

/ 2.5

0.5 ... 2.5

IEC 60947-7-1 / IEC 60352-4 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20... 14	AWG 20... 14	2.5
8 / 3			
/ V-0			

 DEMKO 03ATEX134054U

## Rated connection

0.5...2.5

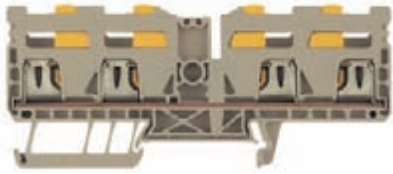
0.5...2.5

/ 0.6 x 3.5

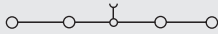
## further connection

**IDU 2.5N/4AN**

**2.5 mm<sup>2</sup>**



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



IEC 60947-7-1 / IEC 60352-4 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20... 14	AWG 20... 14	2.5
8 / 3			
/ V-0			



DEMKO 03ATEX134054U

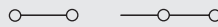
Rated connection	further connection
0.5...2.5	
0.5...2.5	
/ 0.6 x 3.5	

**IDU 2.5N/2x2AN**

**2.5 mm<sup>2</sup>**



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



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
800	600	600	
24	15	15	
2.5	AWG 20... 14	AWG 20... 14	
8 / 3			
/ V-0			



Rated connection	further connection
0.5...2.5	
0.5...2.5	
/ 0.6 x 3.5	

Type	Qty.	Order No.
IDU 2.5N/4AN	50	1812960000
IDU 2.5N/4AN BL	50	1812970000

Type	Qty.	Order No.
IDU 2.5N/2X2AN	50	1821230000

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000
ZQV 4/20 GE	32	20	1909010000

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000
ZQV 4/20 GE	32	20	1909010000

width [mm]			
IAP 2.5N/4AN	2	50	1813070000
IAP 2.5N/4AN BL	2	50	1813080000

width [mm]			
IAP 2.5N/4AN	2	50	1813070000
IAP 2.5N/4AN BL	2	50	1813080000

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

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

ITA 2	25	1821210000
ITA 2/ZA	25	1821220000

ITA 2	25	1821210000
ITA 2/ZA	25	1821220000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 2.5	100	1848230000
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IRH 2.5	100	1848230000
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IAD 2/4 GE MIT BLITZ	20	1828420000
IAD 2/4 GE NEUTRAL	20	1828430000

IAD 2/4 GE MIT BLITZ	20	1828420000
IAD 2/4 GE NEUTRAL	20	1828430000

WS 10/6

WS 10/6

## Modular PE terminals

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.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

## 2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

## Note

## Ordering data

Version	green/yellow Wernid
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## Note

## Accessories

End plate	dark beige Wernid
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End bracket	dark beige / beige
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## Testing / Checking

For testing wired terminal strips	Standard
	with spigot

## Screwdrivers

with cutting device "swifty set"	
Standard	

## Reducing sleeves

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

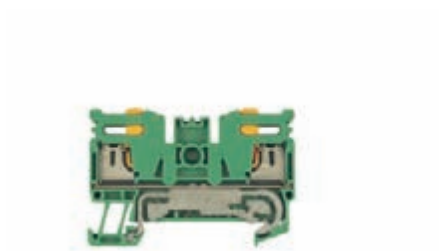
## PEN jumper

Inserted into TN-S distributor between N and PE terminals

Marking systems	(see large assortment in catalogue 7) Marking tags
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For detailed information on other accessories and applications see "Accessories"

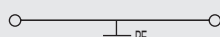

## IPE 1.5N

1.5 mm<sup>2</sup>

5.1 x 59.5 x 40.5

/ 1.5

0.21 ... 1.5

IEC 60947-7-2 / IEC 60352-4 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 24... 16	AWG 24... 16	1.5

500
6

3
/ V-0

 KEMA 02ATEX2241 U

## Rated connection

0.21...1.5

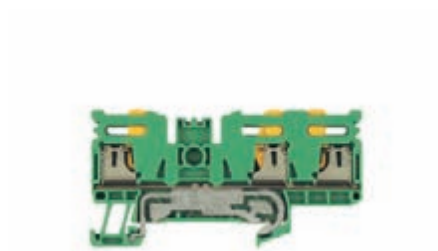
0.21...1.5

## further connection

/ 0.6 x 3.5

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

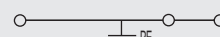

## IPE 1.5N/3AN

1.5 mm<sup>2</sup>

5.1 x 78.5 x 40.5

/ 1.5

0.21 ... 1.5

IEC 60947-7-2 / IEC 60352-4 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 24... 16	AWG 24... 16	1.5

500
6

3
/ V-0

 KEMA 02ATEX2241 U

## Rated connection

0.21...1.5

0.21...1.5

## further connection

/ 0.6 x 3.5

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

Type	Qty.	Order No.
IPE 1.5N	100	1792560000

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Type	Qty.	Order No.
IPE 1.5N/3AN	100	1792590000

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Type	width [mm]	Qty.	Order No.
IAP 1.5N	2	50	1792430000

	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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WS 10/5		
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Type	width [mm]	Qty.	Order No.
IAP 1.5N/3AN	2	50	1792450000

	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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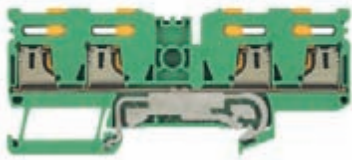
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WS 10/5		
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IPE 1.5N/4AN

1.5 mm<sup>2</sup>



5.1 x 93.5 x 40.5  
/ 1.5  
0.21 ... 1.5



IEC 60947-7-2 / IEC 60352-4 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 24... 16	AWG 24... 16	1.5
500			
6			

3  
/ V-0



KEMA 02ATEX2241 U

Rated connection	further connection
0.21...1.5	
0.21...1.5	

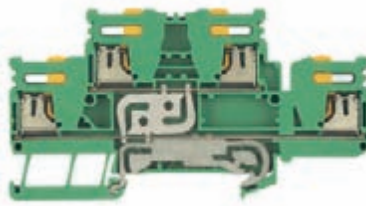
/ 0.6 x 3.5

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

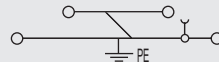
Type	Qty.	Order No.
IPE 1.5N/4AN	100	1792620000

IDK 1.5N/PE

1.5 mm<sup>2</sup>



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



IEC 60947-7-2 / IEC 60352-4 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 24... 16	AWG 24... 16	1.5
500			
6			

3  
/ V-0



KEMA 02ATEX2241 U

Rated connection	further connection
0.21...1.5	
0.21...1.5	

/ 0.6 x 3.5

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

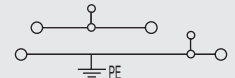
Type	Qty.	Order No.
IDK 1.5N PE	50	1792690000

IDK 1.5N DU-PE

1.5 mm<sup>2</sup>



5.1 x 100 x 54  
17.5 / 1.5  
0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4; IEC 60947-7-2 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
1.5	AWG 24... 16	AWG 24... 16	1.5
500			
6			

3  
/ V-0



KEMA 02ATEX2241 U

Rated connection	further connection
0.21...1.5	
0.21...1.5	

/ 0.6 x 3.5

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

Type	Qty.	Order No.
IDK 1.5N DU-PE	50	1881610000

Type	width [mm]	Qty.	Order No.
IAP 1.5N/4AN	2	50	1792470000

width [mm]	Qty.	Order No.
WEW-35/2	8	1061200000

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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WS 10/5

Type	width [mm]	Qty.	Order No.
IAP 1.5N/DK	2	50	1792520000

width [mm]	Qty.	Order No.
WEW-35/2	8	1061200000

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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WS 10/5

Type	width [mm]	Qty.	Order No.
IAP 1.5N/DK	2	50	1792520000

width [mm]	Qty.	Order No.
WEW-35/2	8	1061200000

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

SWIFTY	1	9006020000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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WS 10/5

## Modular PE terminals

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.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

## 2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

## Note

## Ordering data

<b>Version</b>	green/yellow Wernid
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## Note

## Accessories

<b>End plate</b>	dark beige Wernid
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<b>End bracket</b>	dark beige / beige
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## Testing / Checking

For testing wired terminal strips	Standard with spigot
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## Screwdrivers

with cutting device "swifty set"	SWIFTY SET	1	9006060000
Standard	SD 0.6x3.5x100	1	9008330000

## Reducing sleeves

for conductors < 0.5 mm <sup>2</sup> / < AWG 20	IRH 2.5	100	1848230000
for conductors < 1.0 mm <sup>2</sup> / < AWG 18			

## PEN jumper

Inserted into TN-S distributor between N and PE terminals

<b>Marking systems</b> (see large assortment in catalogue 7)	Marking tags
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For detailed information on other accessories and applications see "Accessories"

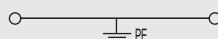
## IPE 2.5N

2.5 mm<sup>2</sup>

6.1 x 66.4 x 45.6

/ 2.5






0.5 ... 2.5

IEC 60947-7-2 / IEC 60352-4 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 20... 14	AWG 20... 14	2.5

800
8

3
/ V-0

     DEMKO 03ATEX134054U
---

## Rated connection

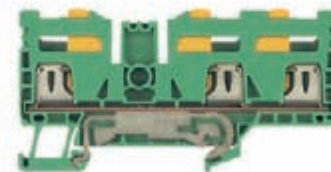
0.5...2.5

## further connection

0.5...2.5

/ 0.6 x 3.5

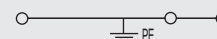

## IPE 2.5N/3AN

2.5 mm<sup>2</sup>

6.1 x 87.9 x 45.6

/ 2.5






0.5 ... 2.5

IEC 60947-7-2 / IEC 60352-4 Ex e II  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 20... 14	AWG 20... 14	2.5

800
8

3
/ V-0

     DEMKO 03ATEX134054U
---

## Rated connection

0.5...2.5

## further connection

0.5...2.5

/ 0.6 x 3.5

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
IPE 2.5N	100	1812920000

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
IPE 2.5N/3AN	100	1812950000

<b>Type</b>	<b>width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
IAP 2.5N	2	50	1813020000

<b>Type</b>	<b>width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
IAP 2.5N/3AN	2	50	1813040000

<b>Type</b>	<b>width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
WEW-35/2	8	100	1061200000

<b>Type</b>	<b>width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
ITA 2		25	1821210000
ITA 2/ZA		25	1821220000

<b>Type</b>	<b>width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000

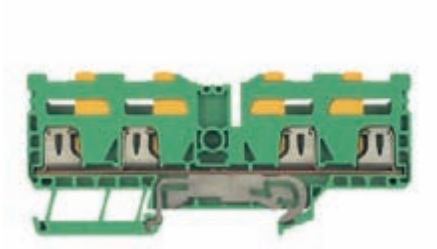
<b>Type</b>	<b>width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
IRH 2.5		100	1848230000

<b>Type</b>	<b>width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
WS 10/6			

For detailed information on other accessories and applications see "Accessories"

IPE 2.5N/4AN

2.5 mm<sup>2</sup>



6.1 x 105.9 x 45.6

/ 2.5

0.5 ... 2.5



IEC 60947-7-2 / IEC 60352-4

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 20... 14	AWG 20... 14	2.5
800			
8			

3

/ V-0



DEMKO 03ATEX134054U

**Rated connection**      **further connection**

0.5...2.5

0.5...2.5

/ 0.6 x 3.5

Type	Qty.	Order No.
IPE 2.5N/4AN	50	1812980000

Type	width [mm]	Qty.	Order No.
IAP 2.5N/4AN	2	50	1813070000

	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

ITA 2	25	1821210000
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ITA 2/ZA	25	1821220000
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SWIFTY SET	1	9006060000
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SD 0.6x3.5x100	1	9008330000
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IRH 2.5	100	1848230000
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WS 10/6



## Double level terminals

## Feed-through terminals

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.

**width x length x height with TS 35 x 7.5** 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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

## Note

## Ordering data

## Version

dark beige Wernid
blue Wernid

## Note

## Accessories

## Cross-connection, pluggable



2-pole
3-pole
4-pole
10-pole
20-/24-pole

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

## End plate / Partition plate

dark beige Wernid
blue Wernid

width [mm]			
IAP 1.5N/DK	2	50	1792520000
IAP 1.5N/DK BL	2	50	1792530000

width [mm]			
IAP 1.5N/DK	2	50	1792520000
IAP 1.5N/DK BL	2	50	1792530000

## End bracket

dark beige Wernid
-------------------

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

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

## Test adapter

For testing wired terminal strips

Standard
with spigot

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

## Screwdrivers

with cutting device "swifty set"
Standard

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

## Reducing sleeves

for conductors < 0.5 mm / AWG 20
for conductors < 1.0 mm / AWG 18

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

## Cover



with lightning flash symbol
blank

IAD 1/4 GE MIT BLITZ	20	1805500000
IAD 1/4 GE Neutral	20	1818420000

IAD 1/4 GE MIT BLITZ	20	1805500000
IAD 1/4 GE Neutral	20	1818420000

## Labelling systems

(see large assortment in catalogue 7)

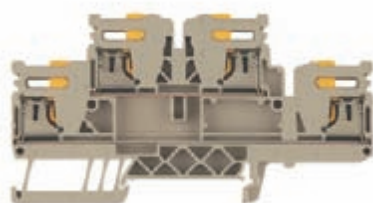
Marking tags

WS 10/5
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WS 10/5
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For detailed information on other accessories and applications see "Accessories"

## IDK 1.5N

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 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24... 16	AWG 24... 16	1.5
6 / 3			
/ V-0			

KEMA 02ATEX2241 U

## Rated connection

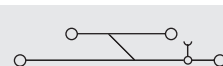
0.21...1.5
0.21...1.5
/ 0.6 x 3.5

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

## IDK 1.5N/V

1.5 mm<sup>2</sup>

**5.1 x 100 x 54**  
**17.5 / 1.5**  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24... 16	AWG 24... 16	1.5
6 / 3			
/ V-0			

KEMA 02ATEX2241 U

## Rated connection

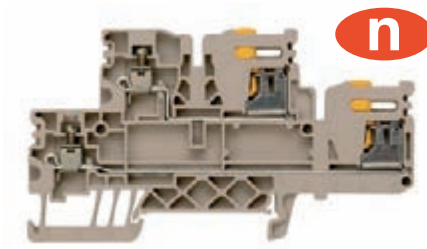
0.21...1.5
0.21...1.5
/ 0.6 x 3.5

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

Feed-through hybrid terminals

IDK 1.5N/ZB

1.5 mm<sup>2</sup>



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.

width x length x height with TS 35 x 7.5	mm
max. current / max. cond. cross-section	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

5.1 x 95.5
/ 1.5
0.21 ... 1.5

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
6 / 3			
/ V-0			

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

Rated connection	further connection
0.21...1.5	0.5...4
0.21...1.5	0.5...4 / 0.5...2.5
	0.4...0.6 Nm / M 2.5
	10 / 0.6 x 3.5

**Note**

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

Ordering data

Version	dark beige Wernid blue Wernid
---------	----------------------------------

Type	Qty.	Order No.
IDK 1.5N/ZB	50	1891950000
IDK 1.5N/ZB BL	50	1896720000

**Note**

PE terminal IDK 1.5N/ZB PE: 1891970000; 4 connections at one potential with IDK 1.5N/ZB V: 1891960000

Accessories

Cross-connection, pluggable	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

End plate / Partition plate	
	dark beige Wernid blue Wernid

width [mm]			
IAP 1.5N/DK-ZB	2	50	1896710000
IAP 1.5N/DK-ZB BL	2	50	1896730000

End bracket	
	dark beige Wernid

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

Test adapter	
For testing wired terminal strips	Standard with spigot

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

Screwdrivers	
	with cutting device "swifty set" Standard

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

Reducing sleeves	
	for conductors < 0.5 mm / AWG 20 for conductors < 1.0 mm / AWG 18

IRH 1.5	100	1804510000
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Cover	
	with lightning flash symbol blank

IAD 1/4 GE MIT BLITZ	20	1805500000
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Labelling systems	
(see large assortment in catalogue 7)	Marking tags

For detailed information on other accessories and applications see "Accessories"

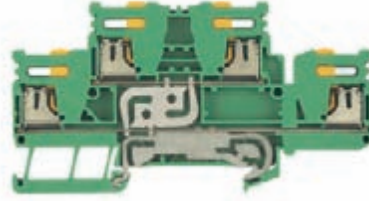
## Double level terminals

## Modular PE terminals

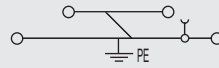
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## IDK 1.5N/PE

1.5 mm<sup>2</sup>

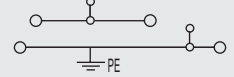
**5.1 x 100 x 54**  
 / **1.5**  
**0.21 ... 1.5**



## IDK 1.5N DU-PE

1.5 mm<sup>2</sup>

**5.1 x 100 x 54**  
**17.5 / 1.5**  
**0.21 ... 1.5**



## Technical data

**Rated data**

Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

**Clamped conductors (H05V/H07V)**

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

**2 clamped cables with same cross-section (H05V/H07V)**

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

## Note

IEC 60947-7-2 / IEC 60352-4 Ex e II

IEC	UL	CSA	EN 60079-7
1.5	AWG 24... 16	AWG 24... 16	1.5
500			
6			
3			
/ V-0			

KEMA 02ATEX2241 U

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

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

IEC 60947-7-1 / IEC 60352-4; IEC 60947-7-2 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
1.5	AWG 24... 16	AWG 24... 16	1.5
500			
6			
3			
/ V-0			

KEMA 02ATEX2241 U

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

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

## Ordering data

**Version**  
 green/yellow Wernid

## Note

Type	Qty.	Order No.
IDK 1.5N PE	50	1792690000

Type	Qty.	Order No.
IDK 1.5N DU-PE	50	1881610000

## Accessories

**End plate**  
 dark beige Wernid

**End bracket**  
 dark beige / beige

**Testing / Checking**  
 For testing wired terminal strips Standard  
 with spigot

**Screwdrivers**  
 with cutting device "swifty set"  
 Standard

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

**PEN jumper**  
 Inserted into TN-S distributor between N and PE terminals

**Marking systems** (see large assortment in catalogue 7)  
 Marking tags

For detailed information on other accessories and applications see "Accessories"

Type	width [mm]	Qty.	Order No.
IAP 1.5N/DK	2	50	1792520000
width [mm]			
WEW-35/2	8	100	1061200000
ITA 1		25	1803800000
ITA 1/ZA		25	1803810000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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WS 10/5
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Type	width [mm]	Qty.	Order No.
IAP 1.5N/DK	2	50	1792520000
width [mm]			
WEW-35/2	8	100	1061200000
ITA 1		25	1803800000
ITA 1/ZA		25	1803810000

SWIFTY	1	9006020000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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WS 10/5
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## Modular disconnect terminals

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.

**width x length x height with TS 35 x 7.5** 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, feed-through terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

## 2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

## Note

## Ordering data

Version	
	dark beige Wernid
	blue Wernid
	without disconnecter, dark beige Wernid

## Note

## Accessories

## Cross-connection, pluggable

	2-pole
	3-pole
	4-pole
	10-pole

## End plate / Partition plate

End plate	dark beige Wernid
Partition plate	dark beige Wernid

## End bracket

	dark beige
--	------------

## Screwdrivers

	Standard
--	----------

## Test plug

	Plug dia. 2.3 mm
--	------------------

## Holder for cartridge fuse, 5 x 20mm

	400 V ac/dc, without LED
	10-36 V ac/dc, red LED
	140-250V ac/dc, red LED

## Module connector (max. 250 V)

<i>reversed insertion possible</i>	without fittings
	with wire jumper
	with 1N4007 diode

## Disconnecting plug

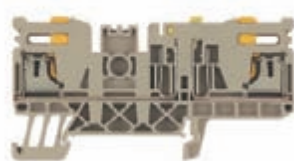
	yellow Wernid
--	---------------

## Labelling systems (see large assortment in catalogue 7)

	Marking tags
--	--------------

For detailed information on other accessories and applications see "Accessories"

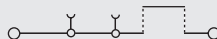
## ITR 1.5N

1.5 mm<sup>2</sup>

5.1 x 78.8 x 46.5

16 / 1.5

0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
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

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

Type	Qty.	Order No.
ITR 1.5N	100	1792630000
ITR 1.5N BL	100	1792670000
ITR 1.5N O.TNHE	100	1814160000

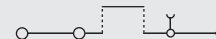
## ITR 1.5N/3AN

1.5 mm<sup>2</sup>

5.1 x 93.5 x 46.5

/ 1.5

0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
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

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

Type	Qty.	Order No.
ITR 1.5N/3AN	100	1812510000
ITR 1.5N/3AN BL	100	1812520000

Type	Current [A]	Qty.	Order No.
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

## width [mm]

IAP 1.5N/3AN	2	50	1792450000
--------------	---	----	------------

## width [mm]

IAP 1.5N/4AN	2	50	1792470000
--------------	---	----	------------

WEW-35/2	8	100	1061200000
----------	---	-----	------------

SD 0.6x3.5x100	1	9008330000
----------------	---	------------

SIHA 3/G20	25	7921560000
------------	----	------------

SIHA 3/G20/LD 10-36V	25	7921560000
----------------------	----	------------

SIHA 3/G20/LD 140-250V	25	7921560000
------------------------	----	------------

BEST	50	1833100000
------	----	------------

BEST/DRBR	50	1878570000
-----------	----	------------

BEST/D	50	1878560000
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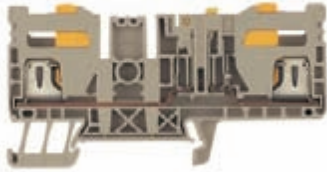
TNST	50	1833090000
------	----	------------

WS 10/5

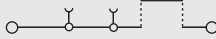
To cross-connect to other IDC<sup>2</sup> terminals use QVAR1 (see Accessories)

**ITR 2.5N**

**2.5 mm<sup>2</sup>**



**6.1 x 87.9 x 49.5**  
**/ 2.5**  
**0.5 ... 2.5**



IEC 60947-7-1 / IEC 60352-4 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
400	300	300	
18	10	10	
2.5	AWG 20... 14	AWG 20... 14	
	6 / 3		
	/ V-0		



**Rated connection**

0.5...2.5

0.5...2.5

/ 0.6 x 3.5

Type	Qty.	Order No.
ITR 2.5N	100	1812990000
ITR 2.5N BL	100	1813000000
ITR 2.5N O.TNHE	100	1820500000

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000

**width [mm]**

IAP 2.5N/3AN	2	50	1813040000
--------------	---	----	------------

**width [mm]**

WEW-35/2	8	100	1061200000
----------	---	-----	------------

SD 0.6x3.5x100		1	9008330000
----------------	--	---	------------

SIHA 3/G20	25		7921560000
------------	----	--	------------

SIHA 3/G20/LD 10-36V	25		7921560000
----------------------	----	--	------------

SIHA 3/G20/LD 140-250V	25		7921560000
------------------------	----	--	------------

BEST	50		1833100000
------	----	--	------------

BEST/DRBR	50		1878570000
-----------	----	--	------------

BEST/D	50		1878560000
--------	----	--	------------

WS 10/6

## Fuse terminals

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.

**width x length x height with TS 35 x 7.5** 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, adjacent terminal	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>


Note

## Ordering data

Version		
dark beige Wemid	400 V ac/dc, without LED	
	10-36 V ac/dc, with LED	
	30-70V ac/dc, with LED	
	60-150 V ac/dc, with LED	
	140-250V ac/dc, with LED	

Note

## Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole

End plate / Partition plate (after last terminal)	
End plate, Wemid	
Partition plate, Wemid	

Screwdrivers	
Standard	

Cartridge fuse, 5 x 20mm (IEC 60127-2)	
Rated voltage 250 V	0.25 A quick-blow
Rated breaking capacity 1500 A (at 250V / 50Hz / cos j = 0.7)	0.5 A quick-blow
	1 A quick-blow
	2 A quick-blow

G25 with indicator / imperial fuse	
G25 (DIN 41 576 / 250V)	0.5 A medium time-lag / 2 A
Rated voltage 250 V	1 A medium time-lag / 3 A
Imperial fuse, 1/4 x 1 1/4	2 A quick-blow / 5A
Rated voltage 440 V	4 A quick-blow / 10 A

Labelling systems	
(see large assortment in catalogue 7)	Marking tags

For detailed information on other accessories and applications see "Accessories"

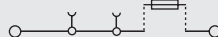
## ITR 1.5N/SI

1.5 mm<sup>2</sup>

5.1 x 78.5 x 88.5

17.5 / 1.5

0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
250	300	300	
6.3	6.3	6.3	
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

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5; max. power loss (1.6 W) at cartridge fuse limits rated current of terminal.

Type	Qty.	Order No.
ITR 1.5N SI	25	1792640000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000

width [mm]	
IAP 1.5N/3AN	2 50

SD 0.6x3.5x100	1	9008330000
SWIFTY SET	1	9006060000

G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/2A/F	10	0430900000

WS 10/5

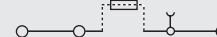
## ITR 1.5N/3AN/SI

1.5 mm<sup>2</sup>

5.1 x 93.5 x 88.8

/ 1.5

0.21 ... 1.5



IEC 60947-7-1 / IEC 60352-4 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
250	300	300	
6.3	6.3	6.3	
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

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5; max. power loss (1.6 W) at cartridge fuse limits rated current of terminal.

Type	Qty.	Order No.
ITR 1.5N/3AN SI	25	1820390000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000

width [mm]	
IAP 1.5N/4AN	2 50

SD 0.6x3.5x100	1	9008330000
SWIFTY SET	1	9006060000

G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/2A/F	10	0430900000

WS 10/5

To cross-connect to other IDC2 terminals use QVAR1 (1836370000)

**ITR 2.5N/SI**

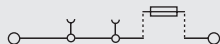
**2.5 mm<sup>2</sup>**



**6.1 x 87.9 x 92.5**

**/ 2.5**

**0.21 ... 2.5**



IEC 60947-7-1 / IEC 60352-4 / VDE 0100-537

IEC	UL	CSA	EN 60079-7
250	300	300	
6.3	6.3	6.3	
2.5	AWG 20... 14	AWG 20... 14	
	/ 3		
	/ V-0		



**Rated connection**

0.5...2.5

0.5...2.5

/ 0.6 x 3.5

Type	Qty.	Order No.
ITR 2.5N SI	25	1813010000

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/3 GE	32 A	60	1608960000
ZQV 4/4 GE	32 A	60	1608970000
ZQV 4/10 GE	32 A	20	1609030000
<b>width [mm]</b>			
IAP 2.5N	2	50	1813020000
SD 0.6x3.5x100		1	9008330000
SWIFTY SET		1	9006060000
G 20/0.25A/F		10	0430500000
G 20/0.5A/F		10	0430600000
G 20/1A/F		10	0430700000
G 20/2A/F		10	0430900000

WS 10/6



## Hybrid modular terminals

## Feed-through terminals

## IDU 1.5N/ZF

1.5 mm<sup>2</sup>

## IDU 1.5N/ZF/3AN

1.5 mm<sup>2</sup>

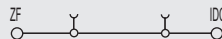
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

5.1 x 59.5 x 40.5

/ 1.5

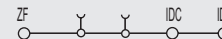
0.21 ... 1.5



5.1 x 78.5 x 40.5

/ 1.5

0.21 ... 1.5



## Technical data

## Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

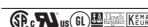
## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

## Note

IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24... 16	AWG 24... 16	1.5
6 / 3			
/ V-0			



KEMA 02ATEX2241 U

## Rated connection

0.21...1.5

0.21...1.5

## further connection

0.5...4

0.5...4 / 0.5...2.5

/ 0.6 x 3.5

10 / 0.6 x 3.5

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5  
32 A continuous current for cross-connection (for supply)

IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24... 16	AWG 24... 16	1.5
6 / 3			
/ V-0			



KEMA 02ATEX2241 U

## Rated connection

0.21...1.5

0.21...1.5

## further connection

0.5...4

0.5...4 / 0.5...2.5

/ 0.6 x 3.5

10 / 0.6 x 3.5

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5  
32 A continuous current for cross-connection (for supply)

## Ordering data

## Version

dark beige Wemid  
blue Wemid

## Note

Type	Qty.	Order No.
IDU 1.5N/ZF	100	1792700000
IDU 1.5N/ZF BL	100	1792710000

Type	Qty.	Order No.
IDU 1.5N/3AN/ZF	100	1806150000
IDU 1.5N/3AN/ZF BL	100	1819470000

## Accessories

## Cross-connection, pluggable

2-pole  
3-pole  
4-pole  
10-pole  
20-/24-pole

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

## End plate / Partition plate

dark beige Wemid  
blue Wemid

Type	width [mm]	Qty.	Order No.
IAP 1.5N	2	50	1792430000
IAP 1.5N BL	2	50	1792440000

Type	width [mm]	Qty.	Order No.
IAP 1.5N/3AN	2	50	1792450000
IAP 1.5N/3AN BL	2	50	1792460000

## End bracket

dark beige Wemid

Type	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

Type	width [mm]	Qty.	Order No.
WEW-35/2	8	100	1061200000

## Test adapter

For testing wired terminal strips

Standard  
with spigot

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

## Screwdrivers

with cutting device "swifty set"  
Standard

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

## Reducing sleeves

for conductors < 0.5 mm / AWG 20  
for conductors < 1.0 mm / AWG 18

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

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

## Cover

with lightning flash symbol  
blank

IAD 1/4 GE MIT BLITZ	20	1805500000
IAD 1/4 GE Neutral	20	1818420000

IAD 1/4 GE MIT BLITZ	20	1805500000
IAD 1/4 GE Neutral	20	1818420000

## Labelling systems

(see large assortment in catalogue 7)

Marking tags

WS 10/5
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WS 10/5
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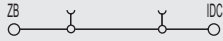
For detailed information on other accessories and applications see "Accessories"

**IDU 1.5N/ZB**

**1.5 mm<sup>2</sup>**



**5.1 x 59.5 x 40.5**  
**/ 1.5**  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24... 16	AWG 24... 16	1.5
6 / 3			
/ V-0			



KEMA 02ATEX2241 U

Rated connection	further connection
0.21...1.5	0.5...4
0.21...1.5	0.5...4 / 0.5...2.5
	0.4...0.6 Nm / M 2.5
/ 0.6 x 3.5	10 / 0.6 x 3.5

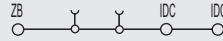
Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5  
32 A continuous current for cross-connection (for supply)

**IDU 1.5N/ZB/3AN**

**1.5 mm<sup>2</sup>**



**5.1 x 78.5 x 40.5**  
**/ 1.5**  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	275
17.5	10	10	15
1.5	AWG 24... 16	AWG 24... 16	1.5
6 / 3			
/ V-0			



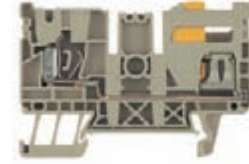
KEMA 02ATEX2241 U

Rated connection	further connection
0.21...1.5	0.5...4
0.21...1.5	0.5...4 / 0.5...2.5
	0.4...0.6 Nm / M 2.5
/ 0.6 x 3.5	10 / 0.6 x 3.5

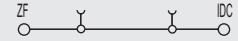
Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5  
32 A continuous current for cross-connection (for supply)

**IDU 2.5N/ZF**

**2.5 mm<sup>2</sup>**



**6.1 x 66.4 x 45.6**  
**/ 2.5**  
**0.5 ... 2.5**



IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20... 14	AWG 20... 14	2.5
8 / 3			
/ V-0			



DEMKO 03ATEX134054U

Rated connection	further connection
0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4
/ 0.6 x 3.5	10 / 0.6 x 3.5

Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5  
32 A continuous current for cross-connection (for supply)

Type	Qty.	Order No.
IDU 1.5N/ZB	100	<b>1792730000</b>
IDU 1.5N/ZB BL	100	<b>1792740000</b>

Type	Qty.	Order No.
IDU 1.5N/3AN/ZB	100	<b>1806170000</b>
IDU 1.5N/3AN/ZB BL	100	<b>1819480000</b>

Type	Qty.	Order No.
IDU 2.5N/ZF	100	<b>1821260000</b>
IDU 2.5N/ZF BL	100	<b>1821270000</b>

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>

width [mm]			
IAP 1.5N	2	50	<b>1792430000</b>
IAP 1.5N BL	2	50	<b>1792440000</b>

width [mm]			
WEW-35/2	8	100	<b>1061200000</b>

ITA 1	25	<b>1803800000</b>
ITA 1/ZA	25	<b>1803810000</b>

SWIFTY SET	1	<b>9006060000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

IRH 1.5	100	<b>1804510000</b>
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IAD 1/4 GE MIT BLITZ	20	<b>1805500000</b>
IAD 1/4 GE Neutral	20	<b>1818420000</b>

WS 10/5

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>

width [mm]			
IAP 1.5N/3AN	2	50	<b>1792450000</b>
IAP 1.5N/3AN BL	2	50	<b>1792460000</b>

width [mm]			
WEW-35/2	8	100	<b>1061200000</b>

ITA 1	25	<b>1803800000</b>
ITA 1/ZA	25	<b>1803810000</b>

SWIFTY SET	1	<b>9006060000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

IRH 1.5	100	<b>1804510000</b>
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IAD 1/4 GE MIT BLITZ	20	<b>1805500000</b>
IAD 1/4 GE Neutral	20	<b>1818420000</b>

WS 10/5

Type	Current [A]	Qty.	Order No.
ZQV 4/2 GE	32	60	<b>1608950000</b>
ZQV 4/3 GE	32	60	<b>1608960000</b>
ZQV 4/4 GE	32	60	<b>1608970000</b>
ZQV 4/10 GE	32	20	<b>1609030000</b>
ZQV 4/20 GE	32	20	<b>1909010000</b>

width [mm]			
IAP 2.5N	2	50	<b>1813020000</b>
IAP 2.5N BL	2	50	<b>1813030000</b>

width [mm]			
WEW-35/2	8	100	<b>1061200000</b>

ITA 2	25	<b>1821210000</b>
ITA 2/ZA	25	<b>1821220000</b>

SWIFTY SET	1	<b>9006060000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

IRH 2.5	100	<b>1848230000</b>
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IAD 2/4 GE MIT BLITZ	20	<b>1828420000</b>
IAD 2/4 GE NEUTRAL	20	<b>1828430000</b>

WS 10/6

## Hybrid modular terminals

### Feed-through terminals

#### IDU 2.5N/ZB

2.5 mm<sup>2</sup>

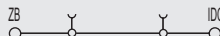
#### IDU 2.5N/3AN/ZB

2.5 mm<sup>2</sup>

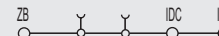
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

**6.1 x 66.4 x 45.6**  
**/ 2.5**  
**0.5 ... 2.5**



**6.1 x 87.9 x 45.6**  
**/ 2.5**  
**0.5 ... 2.5**



### Technical data

#### Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20... 14	AWG 20... 14	2.5
8 / 3			
/ V-0			

DEMKO 03ATEX134054U

#### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

#### Rated connection further connection

0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4
0.5...2.5	0.5...0.8 Nm
0.6 x 3.5	13 / 0.6 x 3.5

IEC 60947-7-1 / IEC 60352-4 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	15	15	21
2.5	AWG 20... 14	AWG 20... 14	2.5
8 / 3			
/ V-0			

DEMKO 03ATEX134054U

#### Rated connection further connection

0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4
0.5...2.5	0.5...0.8 Nm
0.6 x 3.5	13 / 0.6 x 3.5

#### Note

### Ordering data

#### Version

dark beige Wernid
blue Wernid

#### Type Qty. Order No.

IDU 2.5N/ZB	100	1821290000
IDU 2.5N/ZB BL	100	1821300000

#### Type Qty. Order No.

IDU 2.5N/3AN/ZB	100	1848300000
IDU 2.5N/3AN/ZB BL	100	1848310000

#### Note

### Accessories

#### Cross-connection, pluggable

	2-pole	ZQV 4/2 GE	32	60	1608950000
	3-pole	ZQV 4/3 GE	32	60	1608960000
	4-pole	ZQV 4/4 GE	32	60	1608970000
	10-pole	ZQV 4/10 GE	32	20	1609030000
	20-/24-pole	ZQV 4/20 GE	32	20	1909010000

#### Type Current [A] Qty. Order No.

ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000
ZQV 4/20 GE	32	20	1909010000

#### Type Current [A] Qty. Order No.

ZQV 4/2 GE	32	60	1608950000
ZQV 4/3 GE	32	60	1608960000
ZQV 4/4 GE	32	60	1608970000
ZQV 4/10 GE	32	20	1609030000
ZQV 4/20 GE	32	20	1909010000

#### End plate / Partition plate

dark beige Wernid
blue Wernid

#### width [mm]

IAP 2.5N	2	50	1813020000
IAP 2.5N BL	2	50	1813030000

#### width [mm]

IAP 2.5N/3AN	2	50	1813040000
IAP 2.5N/3AN BL	2	50	1813050000

#### End bracket

dark beige Wernid
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#### width [mm]

WEW-35/2	8	100	1061200000
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#### width [mm]

WEW-35/2	8	100	1061200000
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#### Test adapter

For testing wired terminal strips	Standard
	with spigot

#### Type Qty. Order No.

ITA 2	25	1821210000
ITA 2/ZA	25	1821220000

#### Type Qty. Order No.

ITA 2	25	1821210000
ITA 2/ZA	25	1821220000

#### Screwdrivers

with cutting device "swifty set"
Standard

#### Type Qty. Order No.

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

#### Type Qty. Order No.

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

#### Reducing sleeves

for conductors < 0.5 mm / AWG 20
for conductors < 1.0 mm / AWG 18

#### Type Qty. Order No.

IRH 2.5	100	1848230000
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#### Type Qty. Order No.

IRH 2.5	100	1848230000
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#### Cover

with lightning flash symbol
blank

#### Type Qty. Order No.

IAD 2/4 GE MIT BLITZ	20	1828420000
IAD 2/4 GE NEUTRAL	20	1828430000

#### Type Qty. Order No.

IAD 2/4 GE MIT BLITZ	20	1828420000
IAD 2/4 GE NEUTRAL	20	1828430000

#### Labelling systems (see large assortment in catalogue 7)

Marking tags
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#### Type Qty. Order No.

WS 10/6
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#### Type Qty. Order No.

WS 10/6
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For detailed information on other accessories and applications see "Accessories"

Modular PE terminals

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 x length x height with TS 35 x 7.5</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 cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -
2 clamped cables with same cross-section (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

**Note**

Ordering data

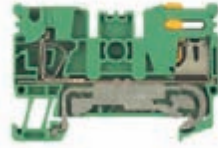
Version	Type	Qty.	Order No.
green/yellow Wernid	IPE 1.5N/ZF	100	1792720000

Accessories

Type	width [mm]	Qty.	Order No.
IAP 1.5N	2	50	1792430000
WEW-35/2	8	100	1061200000
ITA 1		25	1803800000
ITA 1/ZA		25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
PEN jumper			
Marking systems	WS 10/5		

IPE 1.5N/ZF

1.5 mm<sup>2</sup>



<b>5.1 x 59.5 x 40.5</b>	ZF	DC
<b>/ 1.5</b>	PE	
<b>0.21 ... 1.5</b>		

IEC	UL	CSA	EN 60079-7
1.5	AWG 24... 16	AWG 24... 16	1.5
500			
6			
3			
/ V-0			
KEMA 02ATEX2241 U			
Rated connection	further connection		
0.21...1.5	0.5...4		
0.21...1.5	0.5...4 / 0.5...2.5		
/ 0.6 x 3.5			
10 / 0.6 x 3.5			

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

Type	Qty.	Order No.
IPE 1.5N/ZF	100	1792720000

IPE 1.5N/ZF/3AN

1.5 mm<sup>2</sup>



<b>5.1 x 78.5 x 40.5</b>	ZF	DC
<b>/ 1.5</b>	PE	
<b>0.21 ... 1.5</b>		

IEC	UL	CSA	EN 60079-7
1.5	AWG 24... 16	AWG 24... 16	1.5
500			
6			
3			
/ V-0			
KEMA 02ATEX2241 U			
Rated connection	further connection		
0.21...1.5	0.5...4		
0.21...1.5	0.5...4 / 0.5...2.5		
/ 0.6 x 3.5			
10 / 0.6 x 3.5			

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

Type	Qty.	Order No.
IPE 1.5N/3AN/ZF	100	1806140000

Type	width [mm]	Qty.	Order No.
IAP 1.5N/3AN	2	50	1792450000
WEW-35/2	8	100	1061200000
ITA 1		25	1803800000
ITA 1/ZA		25	1803810000
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000
PEN jumper			
Marking systems	WS 10/5		

## Hybrid modular terminals

## Modular PE terminals

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.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

## Technical data

## Rated data

Rated cross-section	mm <sup>2</sup>
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	A
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Tightening torque range (fixing screw)	Nm
Stripping length / Blade size	mm / -

## 2 clamped cables with same cross-section (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>

## Note

## Ordering data

<b>Version</b>	green/yellow Wernid
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## Note

## Accessories

<b>End plate</b>	dark beige Wernid
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<b>End bracket</b>	dark beige / beige
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## Testing / Checking

For testing wired terminal strips	Standard with spigot
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## Screwdrivers

with cutting device "swifty set"	
Standard	

## Reducing sleeves

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

## PEN jumper

Inserted into TN-S distributor between N and PE terminals

<b>Marking systems</b>	(see large assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications see "Accessories"

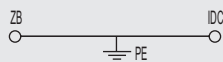
## IPE 1.5N/ZB

1.5 mm<sup>2</sup>

5.1 x 59.5 x 40.5

/ 1.5

0.21 ... 1.5

IEC 60947-7-2 / IEC 60352-4 Ex e II  $\text{Ex}$  II 2 G D

IEC UL CSA EN 60079-7

1.5 AWG 24... 16 AWG 24... 16 1.5

500

6

3

/ V-0

KEMA 02ATEX2241 U

## Rated connection

0.21...1.5

0.21...1.5

0.4...0.6 Nm

/ 0.6 x 3.5

10 / 0.6 x 3.5

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

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
IPE 1.5N/ZB	100	1792750000

## Note

<b>Type</b>	<b>width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
IAP 1.5N	2	50	1792430000

	<b>width [mm]</b>		
WEW-35/2	8	100	1061200000

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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WS 10/5
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For detailed information on other accessories and applications see "Accessories"

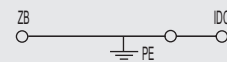
## IPE 1.5N/ZB/3AN

1.5 mm<sup>2</sup>

5.1 x 78.5 x 40.5

/ 1.5

0.21 ... 1.5

IEC 60947-7-2 / IEC 60352-4 Ex e II  $\text{Ex}$  II 2 G D

IEC UL CSA EN 60079-7

1.5 AWG 24... 16 AWG 24... 16 1.5

500

6

3

/ V-0

KEMA 02ATEX2241 U

## Rated connection

0.21...1.5

0.21...1.5

0.4...0.6 Nm

/ 0.6 x 3.5

10 / 0.6 x 3.5

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

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
IPE 1.5N/3AN/ZB	100	1806160000

## Note

<b>Type</b>	<b>width [mm]</b>	<b>Qty.</b>	<b>Order No.</b>
IAP 1.5N/3AN	2	50	1792450000

	<b>width [mm]</b>		
WEW-35/2	8	100	1061200000

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 1.5	100	1804510000
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WS 10/5
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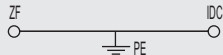
For detailed information on other accessories and applications see "Accessories"

IPE 2.5N/ZF

2.5 mm<sup>2</sup>



6.1 x 66.4 x 45.6  
/ 2.5  
0.5 ... 2.5



IEC 60947-7-2 / IEC 60352-4 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 20... 14	AWG 20... 14	2.5
800			
8			

3  
/ V-0

DEMKO 03ATEX134054U

Rated connection	further connection
0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4

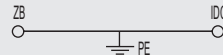
/ 0.6 x 3.5      10 / 0.6 x 3.5

IPE 2.5N/ZB

2.5 mm<sup>2</sup>



6.1 x 66.4 x 45.6  
/ 2.5  
0.5 ... 2.5



IEC 60947-7-2 / IEC 60352-4 Ex e II **Ex** II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 20... 14	AWG 20... 14	2.5
800			
8			

3  
/ V-0

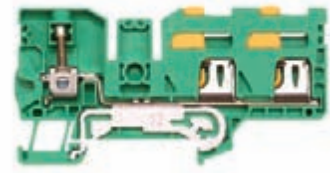
DEMKO 03ATEX134054U

Rated connection	further connection
0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4
	0.5...0.8 Nm / M 3

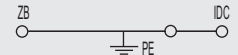
/ 0.6 x 3.5      13 / 0.6 x 3.5

IPE 2.5N/3AN/ZB

2.5 mm<sup>2</sup>



6.1 x 87.9 x 45.6  
/ 2.5  
0.5 ... 2.5



IEC 60947-7-2 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
2.5	AWG 20... 14	AWG 20... 14	
800			
8			

3  
/ V-0

DEMKO 03ATEX134054U

Rated connection	further connection
0.5...2.5	0.5...6
0.5...2.5	0.5...6 / 0.5...4
	0.5...0.8 Nm

/ 0.6 x 3.5      13 / 0.6 x 3.5

Type	Qty.	Order No.
IPE 2.5N/ZF	100	1821280000

Type	Qty.	Order No.
IPE 2.5N/ZB	100	1821310000

Type	Qty.	Order No.
IPE 2.5N/3AN/ZB	100	1848320000

Type	width [mm]	Qty.	Order No.
IAP 2.5N	2	50	1813020000

Type	width [mm]	Qty.	Order No.
IAP 2.5N	2	50	1813020000

Type	width [mm]	Qty.	Order No.
IAP 2.5N/3AN	2	50	1813040000

width [mm]	Qty.	Order No.	
WEW-35/2	8	100	1061200000

width [mm]	Qty.	Order No.	
WEW-35/2	8	100	1061200000

width [mm]	Qty.	Order No.	
WEW-35/2	8	100	1061200000

ITA 2	25	1821210000
ITA 2/ZA	25	1821220000

ITA 2	25	1821210000
ITA 2/ZA	25	1821220000

ITA 2	25	1821210000
ITA 2/ZA	25	1821220000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

IRH 2.5	100	1848230000
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IRH 2.5	100	1848230000
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IRH 2.5	100	1848230000
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WS 10/6

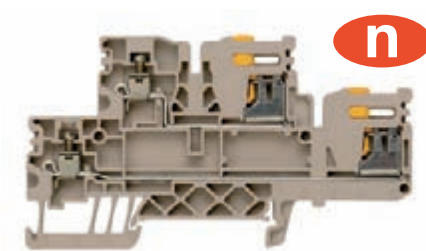
WS 10/6

WS 10/6

## Hybrid modular terminals

## Double level terminals

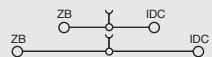
IDK 1.5N/ZB

1.5 mm<sup>2</sup>

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.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

**5.1 x 95.5**  
**/ 1.5**  
**0.21 ... 1.5**



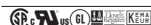
## Technical data

## Rated data

Rated voltage V  
 Rated current A  
 Rated cross-section mm<sup>2</sup>  
 Rated impulse withstand voltage / Pollution severity kV/-  
 Gauge to IEC 60947-1 / UL94 Flammability class

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
			6 / 3
			/ V-0



## Approvals

## Clamped conductors (H05V/H07V)

Solid / stranded mm<sup>2</sup>  
 Flexible / Flexible with wire end ferrule mm<sup>2</sup>  
 Tightening torque range (clamping screw) Nm  
 Stripping length / Blade size mm / -

## Rated connection

0.21...1.5  
 0.21...1.5  
 0.4...0.6 Nm / M 2.5  
 10 / 0.6 x 3.5

## further connection

0.5...4  
 0.5...4 / 0.5...2.5  
 0.4...0.6 Nm / M 2.5  
 10 / 0.6 x 3.5

## Note

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

## Ordering data

## Version

dark beige Wernid  
 blue Wernid

## Note

## Type

IDK 1.5N/ZB Qty. 50 Order No. 1891950000  
 IDK 1.5N/ZB BL Qty. 50 Order No. 1896720000

PE terminal IDK 1.5N/ZB PE: 1891970000; 4 connections at one potential with IDK 1.5N/ZB V: 1891960000

## Accessories

## Cross-connection, pluggable



2-pole  
 3-pole  
 4-pole  
 10-pole  
 20-/24-pole

## Type

ZQV 2.5/2 Qty. 24 60 Order No. 1608860000  
 ZQV 2.5/3 Qty. 24 60 Order No. 1608870000  
 ZQV 2.5/4 Qty. 24 60 Order No. 1608880000  
 ZQV 2.5/10 Qty. 24 20 Order No. 1608940000  
 ZQV 2.5/20 Qty. 24 20 Order No. 1908960000

## End plate / Partition plate

dark beige Wernid  
 blue Wernid

## Type

IAP 1.5N/DK-ZB width [mm] 2 50 Order No. 1896710000  
 IAP 1.5N/DK-ZB BL width [mm] 2 50 Order No. 1896730000

## End bracket

dark beige Wernid

## Type

WEW-35/2 width [mm] 8 100 Order No. 1061200000

## Test adapter

For testing wired terminal strips

Standard  
 with spigot

## Type

ITA 1 Qty. 25 Order No. 1803800000  
 ITA 1/ZA Qty. 25 Order No. 1803810000

## Screwdrivers

with cutting device "swifty set"  
 Standard

## Type

SWIFTY SET Qty. 1 Order No. 9006060000  
 SD 0.6x3.5x100 Qty. 1 Order No. 9008330000

## Reducing sleeves

for conductors < 0.5 mm / AWG 20  
 for conductors < 1.0 mm / AWG 18

## Type

IRH 1.5 Qty. 100 Order No. 1804510000

## Cover



with lightning flash symbol  
 blank

## Type

IAD 1/4 GE MIT BLITZ Qty. 20 Order No. 1805500000

## Labelling systems

(see large assortment in catalogue 7)  
 Marking tags

For detailed information on other accessories and applications see "Accessories"





# Pluggable standard terminal featuring IDC technology

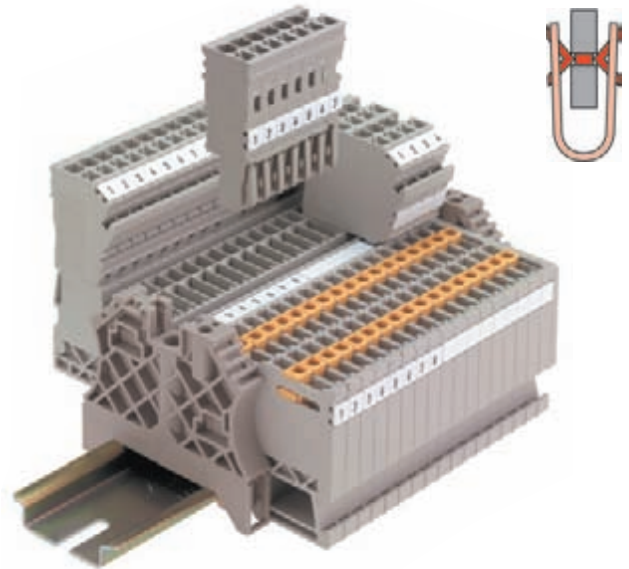
Profit from the amazing benefits of IDC2 technology  
**quick – secure – compact**  
 in combination with a pluggable standard terminal.

## The basic principle is beautifully simple:

One terminal strip for the function unit, one plug-in connector for cable harness assembly. During final assembly, the two units just have to be slotted into each other – like plug-in connectors. And that's all there is to it!

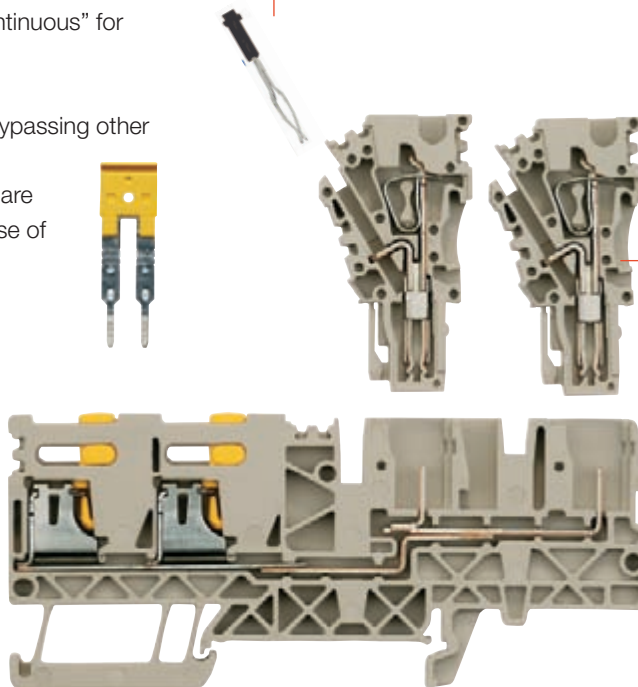
## You'll soon be convinced by the benefits of this technology:

Quick assembly of functional units which can be fully tested in the factory, quickly and easily replaced or reassemble on site.



### Plug-in cross-connections

- 2 to 10 pole or “continuous” for individual assembly
- Full rated current
- Break-off pole for bypassing other potentials
- Plug-in connectors are also designed for use of cross-connections



### Contact reliability

- Maintenance-free connection
- Gas-tight contact area
- 100% vibration-resistant

### Push-on connection

The tensioned steel contact ensures galvanic isolation.

- High contact strength with highly conductive properties

You can find a large selection of plug-in connectors in the “Accessories” chapter.



### Secure fixing

All plug-in units can be locked securely to the terminal strip by means of separate locking elements.

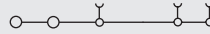


**IT 1.5N/4AN/2**

**1.5 mm<sup>2</sup>**



**5.1 x 93.5 x 40.7**  
/ 1.5  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
	6 / 3		
	/ V-0		

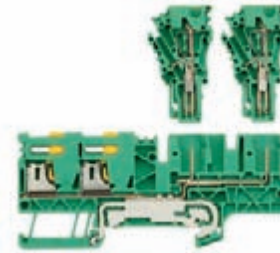


Rated connection	pluggable connection
0.21...1.5	0.5...4
0.21...1.5	0.5...4 / 0.5...2.5
	/ 0.6 x 3.5

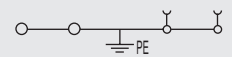
Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

**ITPE 1.5N/4AN/2**

**1.5 mm<sup>2</sup>**



**5.1 x 93.5 x 41.5**  
/ 1.5  
**0.21 ... 1.5**



IEC 60947-7-2 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 24... 16	AWG 24... 16	
	6 / 3		
	/ V-0		



Rated connection	pluggable connection
0.21...1.5	0.5...4
0.21...1.5	0.5...4 / 0.5...2.5
	/ 0.6 x 3.5

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

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.

**width x length x height with TS 35 x 7.5** 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
max. voltage of clamp support & pluggable system	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Stripping length / Blade size	mm / -

**Note**

**Ordering data**

Base terminal	
	dark beige Wemid

pluggable connector	
	For detailed information on all variations see "Accessories"
	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	8-pole
	10-pole

**Note**

Type	Qty.	Order No.
IT 1.5N/4AN/2	50	1837250000
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ITPE 1.5N/4AN/2	50	1837260000
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/10	20	1815280000

**Accessories**

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-pole

End plate	
	dark beige Wemid
	orange Wemid

Test adapter	
	Standard
	with spigot

Miscellaneous accessories, WeiCoS	
Locking element	ZVR ZP2.5
Coding element	KOSF ZT2.5
Strain relief	ZZE ZP2.5

Screwdrivers	
	with cutting device "swifty set"
	Standard

Labelling systems	
	(see large assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications see "Accessories"

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

width [mm]	
IAP/TW IT1.5N/4AN	2 50

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

WS 10/5	
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Type	Current [A]	Qty.	Order No.

width [mm]	
IAP/TW IT1.5N/4AN	2 50

ITA 1	25	1803800000
ITA 1/ZA	25	1803810000

ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000

SWIFTY SET	1	9006060000
SD 0.6x3.5x100	1	9008330000

WS 10/5	
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# The modular initiator/actuator system with integrated cross-connection – featuring advanced IDC technology

## The principle

Two current bars in the individual terminal (or three with separate PE / earth function) are used to provide potentials. They are supplied via a supply terminal and the internal crossconnections. Two other current bars act as a feed-through terminal for forwarding signals.

## The internal cross-connection

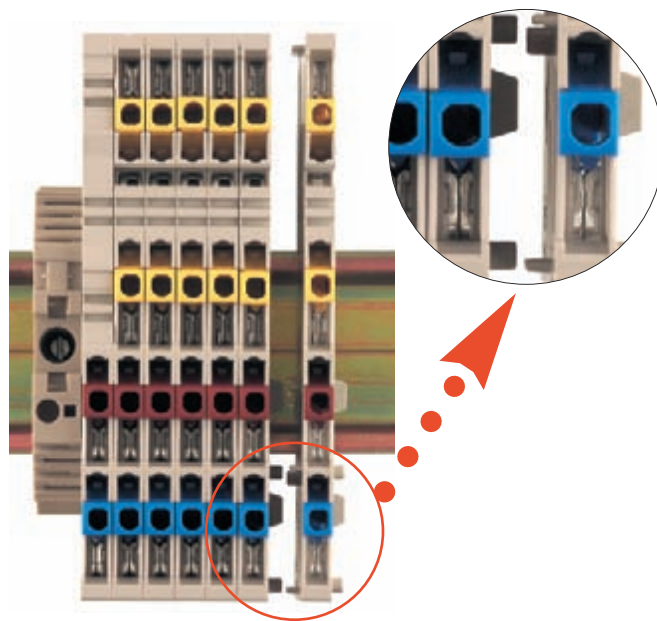
The cross-connections are already integrated within the individual terminals. The female contact is on one side of the terminal and the male contact on the other. The modular design means that variable terminal strips can be created for different applications.

## The end plate

End plates enable additional marking of the rows.

## The status indication

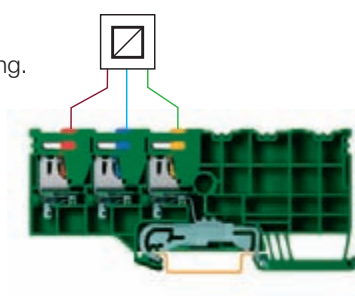
The signal status can be indicated directly at the terminal.



## The alternative versions

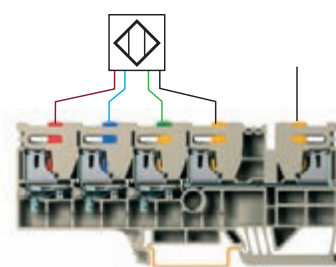
- **Supply terminal**

Supply made easy with additional options for marking.



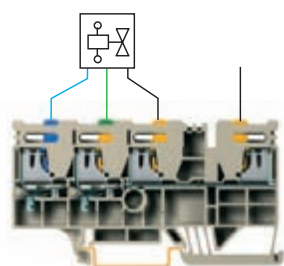
- **Initiator terminal**

Power supply and signal transmission in one terminal; available in a 3- or 4-conductor version.



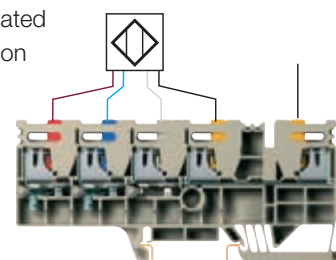
- **Actuator terminal**

Simple connection of actuators.



- **Initiator terminal with parking position**

For connecting 4L initiators:  
The NCC/NOC currently not in use can be connected to the insulated contact, so that rewiring later on is no problem.



**IEK 1.5N 3L**

**1.5 mm<sup>2</sup>**

**IEK 1.5N 3L PE**

**1.5 mm<sup>2</sup>**

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 x length x height with TS 35 x 7.5</b>	mm
max. current / max. conductor	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

<b>5.1 x 93 x 51</b>		
<b>/ 1.5</b>	○	○
<b>0.21 ... 1.5</b>		

<b>5.1 x 93 x 51</b>		
<b>/ 1.5</b>	○	○ <sup>PE</sup>
<b>0.21 ... 1.5</b>		

**Technical data**

<b>Rated data</b>	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
<b>Electronic fittings</b>	
Diode reverse voltage / Diode current	V / A
voltage LED / current LED / polarity	V / mA / -
Resistor / Varistor	-/V
<b>Clamped conductors (H05V/H07V)</b>	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
<b>Note</b>	

IEC 60947-7-1 / IEC 60352-4			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
250	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
4 / 3			
/ V-0			
<b>Rated connection</b>		<b>further connection</b>	
0.21...1.5			
0.21...1.5			
/ 0.6 x 3.5			
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5			

IEC 60947-7-2 / IEC 60352-4			
<b>IEC</b>	<b>UL</b>	<b>CSA</b>	<b>EN 60079-7</b>
250	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
4 / 3			
/ V-0			
<b>Rated connection</b>		<b>further connection</b>	
0.21...1.5			
0.21...1.5			
/ 0.6 x 3.5			
Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5			

**Ordering data**

<b>Version</b>	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
<b>Note</b>	

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
IEK 1.5N 3L	25	<b>1801790000</b>
<b>Note</b>		

<b>Type</b>	<b>Qty.</b>	<b>Order No.</b>
IEK 1.5N 3L PE	25	<b>1801800000</b>
<b>Note</b>		

**Accessories**

<b>Cross-connection, pluggable</b>	
	2-pole 3-pole 4-pole 10-pole 20-/24-pole
<b>End plate / Partition plate</b>	
	dark beige Wemid
<b>End bracket</b>	
	dark beige / beige
<b>Screwdrivers</b>	
	with cutting device "swifty set" Standard
<b>Reducing sleeves</b>	
	for conductors < 0.5 mm <sup>2</sup> / < AWG 20 for conductors < 1.0 mm <sup>2</sup> / < AWG 18
<b>Labelling systems</b> (see large assortment in catalogue 7)	
	Marking tags
<b>For detailed information on other accessories and applications see "Accessories"</b>	

<b>Type</b>	<b>Current [A]</b>	<b>Qty.</b>	<b>Order No.</b>
<b>width [mm]</b>			
IAP 1.5N 3L	2	20	<b>1801770000</b>
<b>width [mm]</b>			
WEW-35/2	8	100	<b>1061200000</b>
<b>width [mm]</b>			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
IRH 1.5		100	<b>1804510000</b>
<b>Note</b>			
<b>width [mm]</b>			
WS 10/5			

<b>Type</b>	<b>Current [A]</b>	<b>Qty.</b>	<b>Order No.</b>
<b>width [mm]</b>			
IAP 1.5N 3L	2	20	<b>1801770000</b>
<b>width [mm]</b>			
WEW-35/2	8	100	<b>1061200000</b>
<b>width [mm]</b>			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
IRH 1.5		100	<b>1804510000</b>
<b>Note</b>			
<b>width [mm]</b>			
WS 10/5			

## Initiator and actuator terminals

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 x length x height with TS 35 x 7.5</b>	mm
max. current / max. conductor	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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fittings	
Diode reverse voltage / Diode current	V / A
voltage LED / current LED / polarity	V / mA / -
Resistor / Varistor	-/V
Clamped conductors (H05V/H07V)	
Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -
Note	

### Ordering data

Version	
Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)
Note	

### Accessories

Cross-connection, pluggable	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige Wemid
End bracket	
	dark beige / beige
Screwdrivers	
	with cutting device "swifty set"
	Standard
Reducing sleeves	
	for conductors < 0.5 mm <sup>2</sup> / < AWG 20
	for conductors < 1.0 mm <sup>2</sup> / < AWG 18
Labelling systems (see large assortment in catalogue 7)	
	Marking tags
For detailed information on other accessories and applications see "Accessories"	

### IEK 1.5N 4L PE

1.5 mm<sup>2</sup>



<b>5.1 x 112 x 51</b>			
<b>/ 1.5</b>	+	-	PE
<b>0.21 ... 1.5</b>	○	○	○

IEC 60947-7-2 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
		4 / 3	
		/ V-0	



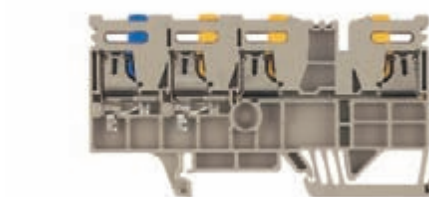
Rated connection	further connection
0.21...1.5	
0.21...1.5	
/ 0.6 x 3.5	

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

Type	Qty.	Order No.
IEK 1.5N 4L PE	25	1801810000

### IAK 1.5N 3L

1.5 mm<sup>2</sup>



<b>5.1 x 93 x 51</b>			
<b>/ 1.5</b>	-	PE	○
<b>0.21 ... 1.5</b>	○	○	○

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
		4 / 3	
		/ V-0	



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

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

Type	Qty.	Order No.
IAK 1.5N 3L	50	1801820000

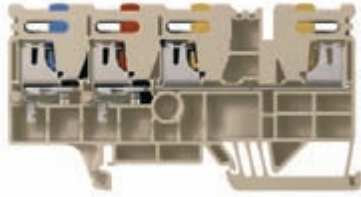
Base terminal with LED: IAK 1.5N 3L D: 1801830000

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000
width [mm]			
IAP 1.5N 3L	2	20	1801770000
width [mm]			
WEW-35/2	8	100	1061200000
width [mm]			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
width [mm]			
IRH 1.5		100	1804510000

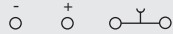
WS 10/5

**IIK 1.5N 3L**

**1.5 mm<sup>2</sup>**



**5.1 x 93 x 51**  
/ 1.5  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
	4 / 3		
	/ V-0		



**Rated connection**      **further connection**

0.21...1.5  
0.21...1.5

/ 0.6 x 3.5

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

Type	Qty.	Order No.
IIK 1.5N 3L	50	<b>1801840000</b>

Base terminal with LED: IIK 1.5N 3L D/PNP 1801850000, IIK 1.5N 3L D/NPN 1801860000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>

**width [mm]**

IAP 1.5N 3L	2	20	<b>1801770000</b>
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**width [mm]**

WEW-35/2	8	100	<b>1061200000</b>
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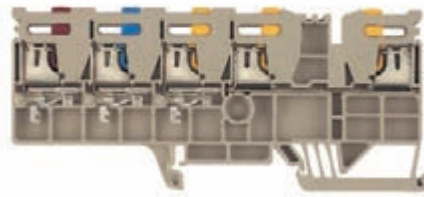
SWIFTY SET	1	<b>9006060000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

IRH 1.5	100	<b>1804510000</b>
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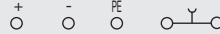
WS 10/5

**IIK 1.5N 4L**

**1.5 mm<sup>2</sup>**



**5.1 x 112 x 51**  
/ 1.5  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
	4 / 3		
	/ V-0		



**Rated connection**      **further connection**

0.21...1.5  
0.21...1.5

/ 0.6 x 3.5

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

Type	Qty.	Order No.
IIK 1.5N 4L	50	<b>1801870000</b>

Base terminal with LED: IIK 1.5N 4L D/PNP 1801880000  
IIK 1.5N 4L D/NPN 1801890000

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>

**width [mm]**

IAP 1.5N 4L	2	20	<b>1801780000</b>
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**width [mm]**

WEW-35/2	8	100	<b>1061200000</b>
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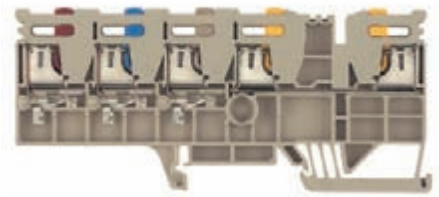
SWIFTY SET	1	<b>9006060000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

IRH 1.5	100	<b>1804510000</b>
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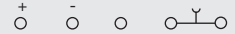
WS 10/5

**IIK 1.5N 4L PA**

**1.5 mm<sup>2</sup>**



**5.1 x 112 x 51**  
/ 1.5  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
	4 / 3		
	/ V-0		



**Rated connection**      **further connection**

0.21...1.5  
0.21...1.5

/ 0.6 x 3.5

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

Type	Qty.	Order No.
IIK 1.5N 4L PA	50	<b>1801900000</b>

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>

**width [mm]**

IAP 1.5N 4L	2	20	<b>1801780000</b>
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**width [mm]**

WEW-35/2	8	100	<b>1061200000</b>
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SWIFTY SET	1	<b>9006060000</b>
SD 0.6x3.5x100	1	<b>9008330000</b>

IRH 1.5	100	<b>1804510000</b>
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WS 10/5

Initiator and actuator terminals

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.

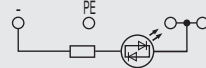
**width x length x height with TS 35 x 7.5** mm  
 max. current / max. conductor A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

**IAK 1.5N 3L D**

**1.5 mm<sup>2</sup>**

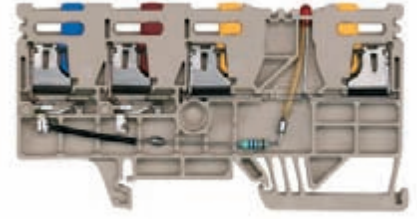


**5.1 x 93 x 51**  
**/ 1.5**  
**0.21 ... 1.5**

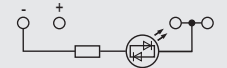


**IIK 1.5N 3L D/PNP**

**1.5 mm<sup>2</sup>**



**5.1 x 93 x 51**  
**/ 1.5**  
**0.21 ... 1.5**



**Technical data**

**Rated data**

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

**Electronic fittings**

Diode reverse voltage / Diode current	V / A
voltage LED / current LED / polarity	V / mA / -
Resistor / Varistor	-/V

**Clamped conductors (H05V/H07V)**

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

**Note**

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
		4 / 3	
		/ V-0	

**Rated connection**

0.21...1.5

0.21...1.5

/ 0.6 x 3.5

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

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16	AWG 24... 16	
		4 / 3	
		/ V-0	

**Rated connection**

0.21...1.5

0.21...1.5

/ 0.6 x 3.5

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

**Ordering data**

**Version**

Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)

**Note**

**Type**

Type	Qty.	Order No.
IAK 1.5N 3L D	50	1801830000

**Type**

Type	Qty.	Order No.
IIK 1.5N 3L D/PNP	50	1801850000

**Accessories**

**Cross-connection, pluggable**

	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole

**End plate / Partition plate**

dark beige Wemid
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**End bracket**

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

**Screwdrivers**

with cutting device "swifty set"
Standard

**Reducing sleeves**

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

**Type**

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
IAP 1.5N 3L	2	20	1801770000
<b>width [mm]</b>			
WEW-35/2	8	100	1061200000
<b>width [mm]</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>width [mm]</b>			
IRH 1.5		100	1804510000

**Type**

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
IAP 1.5N 3L	2	20	1801770000
<b>width [mm]</b>			
WEW-35/2	8	100	1061200000
<b>width [mm]</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>width [mm]</b>			
IRH 1.5		100	1804510000

**Labelling systems**

(see large assortment in catalogue 7)  
 Marking tags

WS 10/5

WS 10/5

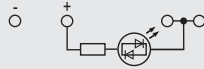
**For detailed information on other accessories and applications see "Accessories"**

**IIK 1.5N 3L D/NPN**

**1.5 mm<sup>2</sup>**



**5.1 x 93 x 51**  
**/ 1.5**  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16 AWG 24... 16		
	4 / 3		
	/ V-0		

Rated connection	further connection
0.21...1.5	
0.21...1.5	

/ 0.6 x 3.5

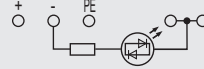
Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

**IIK 1.5N 4L D/PNP**

**1.5 mm<sup>2</sup>**



**5.1 x 112 x 51**  
**/ 1.5**  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16 AWG 24... 16		
	4 / 3		
	/ V-0		

Rated connection	further connection
0.21...1.5	
0.21...1.5	

/ 0.6 x 3.5

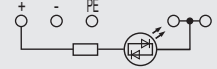
Conductor < 0.5 mm<sup>2</sup> / AWG 24 with IRH 1.5

**IIK 1.5N 4L D/NPN**

**1.5 mm<sup>2</sup>**



**5.1 x 112 x 51**  
**/ 1.5**  
**0.21 ... 1.5**



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 24... 16 AWG 24... 16		
	4 / 3		
	/ V-0		

Rated connection	further connection
0.21...1.5	
0.21...1.5	

/ 0.6 x 3.5

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

Type	Qty.	Order No.
IIK 1.5N 3L D/NPN	50	1801860000

Type	Qty.	Order No.
IIK 1.5N 4L D/PNP	50	1801880000

Type	Qty.	Order No.
IIK 1.5N 4L D/NPN	50	1801890000

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
IAP 1.5N 3L	2	20	1801770000
<b>width [mm]</b>			
WEW-35/2	8	100	1061200000
<b>SWIFTY SET</b>			
SD 0.6x3.5x100		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
IAP 1.5N 4L	2	20	1801780000
<b>width [mm]</b>			
WEW-35/2	8	100	1061200000
<b>SWIFTY SET</b>			
SD 0.6x3.5x100		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
IAP 1.5N 4L	2	20	1801780000
<b>width [mm]</b>			
WEW-35/2	8	100	1061200000
<b>SWIFTY SET</b>			
SD 0.6x3.5x100		1	9006060000
SD 0.6x3.5x100		1	9008330000
IRH 1.5		100	1804510000

WS 10/5

WS 10/5

WS 10/5



## 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.

**width x length x height with TS 35 x 7.5** mm  
 max. current / max. conductor 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 withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

## Electronic fittings

Diode reverse voltage / Diode current	V / A
voltage LED / current LED / polarity	V / mA / -
Resistor / Varistor	-/V

## Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

## Note

## Ordering data

## Version

Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)

## Note

## Accessories

## Cross-connection, pluggable



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
20-/24-pole	ZQV 2.5/20	24	20	1908960000

## End plate / Partition plate

dark beige Wemid	IAP 1.5N/DK	2	50	1792520000
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## End bracket

dark beige / beige	WEW-35/2	8	100	1061200000
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## Screwdrivers

with cutting device "swifty set"	SWIFTY SET	1		9006060000
Standard	SD 0.6x3.5x100	1		9008330000

## Reducing sleeves

for conductors < 0.5 mm <sup>2</sup> / < AWG 20	IRH 1.5	100		1804510000
for conductors < 1.0 mm <sup>2</sup> / < AWG 18				

## Labelling systems

(see large assortment in catalogue 7)	WS 10/5			
Marking tags				

For detailed information on other accessories and applications see "Accessories"

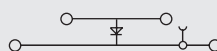
## IDK 1.5N/D1

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 60079-7
500	300	300	
10	10	15	
1.5	AWG 24... 16	AWG 24... 16	
		6 / 3	
		/ V-0	



## Rated connection

0.21...1.5

## further connection

0.21...1.5

/ 0.6 x 3.5

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

## Type

IDK 1.5N/D1

## Qty.

50

## Order No.

1820030000

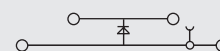
## IDK 1.5N/D2

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 60079-7
500	300	300	
10	10	15	
1.5	AWG 24... 16	AWG 24... 16	
		6 / 3	
		/ V-0	



## Rated connection

0.21...1.5

## further connection

0.21...1.5

/ 0.6 x 3.5

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

## Type

IDK 1.5N/D2

## Qty.

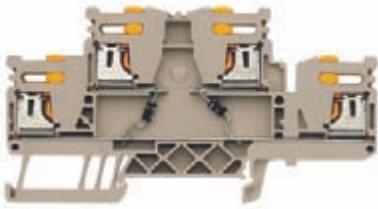
50

## Order No.

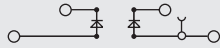
1820040000

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 60079-7
500			
10			
1.5	AWG 24... 16	AWG 24... 16	
	6 / 3		
	/ V-0		

**Rated connection** further connection

0.21...1.5  
0.21...1.5

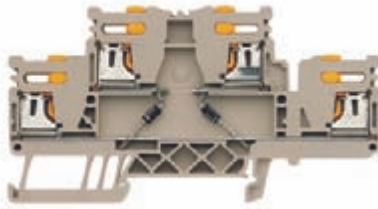
/ 0.6 x 3.5

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

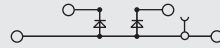
Type	Qty.	Order No.
IDK 1.5N/D4	50	1820050000

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 60079-7
500			
10			
1.5	AWG 24... 16	AWG 24... 16	
	6 / 3		
	/ V-0		

**Rated connection** further connection

0.21...1.5  
0.21...1.5

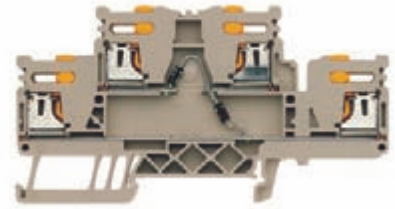
/ 0.6 x 3.5

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

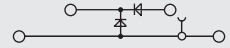
Type	Qty.	Order No.
IDK 1.5N/D5	50	1820060000

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 60079-7
500			
10			
1.5	AWG 24... 16	AWG 24... 16	
	6 / 3		
	/ V-0		

**Rated connection** further connection

0.21...1.5  
0.21...1.5

/ 0.6 x 3.5

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

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

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000
<b>width [mm]</b>			
IAP 1.5N/DK	2	50	1792520000
<b>width [mm]</b>			
WEW-35/2	8	100	1061200000
<b>width [mm]</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>width [mm]</b>			
IRH 1.5		100	1804510000

WS 10/5

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

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000
<b>width [mm]</b>			
IAP 1.5N/DK	2	50	1792520000
<b>width [mm]</b>			
WEW-35/2	8	100	1061200000
<b>width [mm]</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>width [mm]</b>			
IRH 1.5		100	1804510000

WS 10/5

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

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000
<b>width [mm]</b>			
IAP 1.5N/DK	2	50	1792520000
<b>width [mm]</b>			
WEW-35/2	8	100	1061200000
<b>width [mm]</b>			
SWIFTY SET		1	9006060000
SD 0.6x3.5x100		1	9008330000
<b>width [mm]</b>			
IRH 1.5		100	1804510000

WS 10/5

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

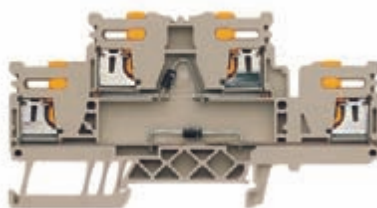
## Terminals with electronic components

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.

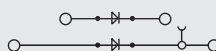
**width x length x height with TS 35 x 7.5** mm  
 max. current / max. conductor A/mm<sup>2</sup>  
 max. clamping range mm<sup>2</sup>

### IDK 1.5N/DX1

1.5 mm<sup>2</sup>



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

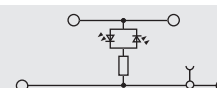


### IDK 1.5N/LD

1.5 mm<sup>2</sup>



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



### Technical data

#### Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

#### Electronic fittings

Diode reverse voltage / Diode current	V / A
voltage LED / current LED / polarity	V / mA / -
Resistor / Varistor	-/V

#### Clamped conductors (H05V/H07V)

Solid / stranded	mm <sup>2</sup>
Flexible / Flexible with wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / Blade size	mm / -

#### Note

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
500			
10			
1.5	AWG 24... 16	AWG 24... 16	
		6 / 3	
		/ V-0	

#### Rated connection

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

Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A; current of continuous busbar = 10 A

IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
500			
10			
1.5	AWG 24... 16	AWG 24... 16	
		6 / 3	
		/ V-0	

#### Rated connection

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

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

### Ordering data

#### Version

Terminal configuration	dark beige Wemid
see circuit diagram above	dark beige Wemid (red LED)

#### Note

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

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

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

### Accessories

#### Cross-connection, pluggable

	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
	20-/24-pole	ZQV 2.5/20	24	20	1908960000

#### End plate / Partition plate

	dark beige Wemid	IAP 1.5N/DK	width [mm]	2	50	1792520000
--	------------------	-------------	------------	---	----	------------

#### End bracket

	dark beige / beige	WEW-35/2	width [mm]	8	100	1061200000
--	--------------------	----------	------------	---	-----	------------

#### Screwdrivers

	with cutting device "swifty set"	SWIFTY SET		1		9006060000
	Standard	SD 0.6x3.5x100		1		9008330000

#### Reducing sleeves

	for conductors < 0.5 mm <sup>2</sup> / < AWG 20	IRH 1.5		100		1804510000
	for conductors < 1.0 mm <sup>2</sup> / < AWG 18					

#### Labelling systems

(see large assortment in catalogue 7)  
 Marking tags  
 WS 10/5

For detailed information on other accessories and applications see "Accessories"

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

IAP 1.5N/DK	width [mm]	2	50	1792520000
-------------	------------	---	----	------------

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

SWIFTY SET		1		9006060000
SD 0.6x3.5x100		1		9008330000

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

WS 10/5

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

Type	Current [A]	Qty.	Order No.
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 2.5/20	24	20	1908960000

IAP 1.5N/DK	width [mm]	2	50	1792520000
-------------	------------	---	----	------------

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

SWIFTY SET		1		9006060000
SD 0.6x3.5x100		1		9008330000

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

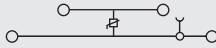
WS 10/5

**IDK 1.5N/S07 K140**

**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 60079-7
115	115	115	
10	10	10	
1.5	AWG 24... 16 AWG 24... 16		
	6 / 3		
	/ V-0		



Rated connection	further connection
0.21...1.5	
0.21...1.5	

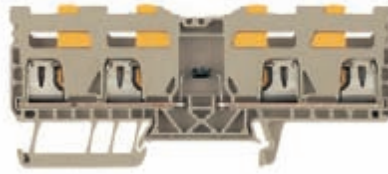
/ 0.6 x 3.5

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

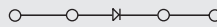
Type	Qty.	Order No.
IDK 1.5N/U S07 K140	50	<b>1820110000</b>

**IDU 2.5N/2X2AN/D+**

**2.5 mm<sup>2</sup>**



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



IEC 60947-7-1 / IEC 60352-4

IEC	UL	CSA	EN 60079-7
500	300	300	
10			
2.5	AWG 20... 14 AWG 20... 14		
	6 / 3		
	/ V-0		



Rated connection	further connection
0.5...2.5	
0.5...2.5	

/ 0.6 x 3.5

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

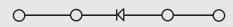
Type	Qty.	Order No.
IDU 2.5N/2X2AN/D+	50	<b>1821240000</b>

**IDU 2.5N/2X2AN/D-**

**2.5 mm<sup>2</sup>**



**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 60079-7
500	300	300	
10			
2.5	AWG 20... 14 AWG 20... 14		
	6 / 3		
	/ V-0		



Rated connection	further connection
0.5...2.5	
0.5...2.5	

/ 0.6 x 3.5

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

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

Type	Current [A]	Qty.	Order No.
ZQV 2.5/2	24	60	<b>1608860000</b>
ZQV 2.5/3	24	60	<b>1608870000</b>
ZQV 2.5/4	24	60	<b>1608880000</b>
ZQV 2.5/10	24	20	<b>1608940000</b>
ZQV 2.5/20	24	20	<b>1908960000</b>
<b>width [mm]</b>			
IAP 1.5N/DK	2	50	<b>1792520000</b>
<b>width [mm]</b>			
WEW-35/2	8	100	<b>1061200000</b>
<b>width [mm]</b>			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>width [mm]</b>			
IRH 1.5		100	<b>1804510000</b>

WS 10/5

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
IAP 2.5N/4AN	2	50	<b>1813070000</b>
<b>width [mm]</b>			
WEW-35/2	8	100	<b>1061200000</b>
<b>width [mm]</b>			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>width [mm]</b>			
IRH 2.5		100	<b>1848230000</b>

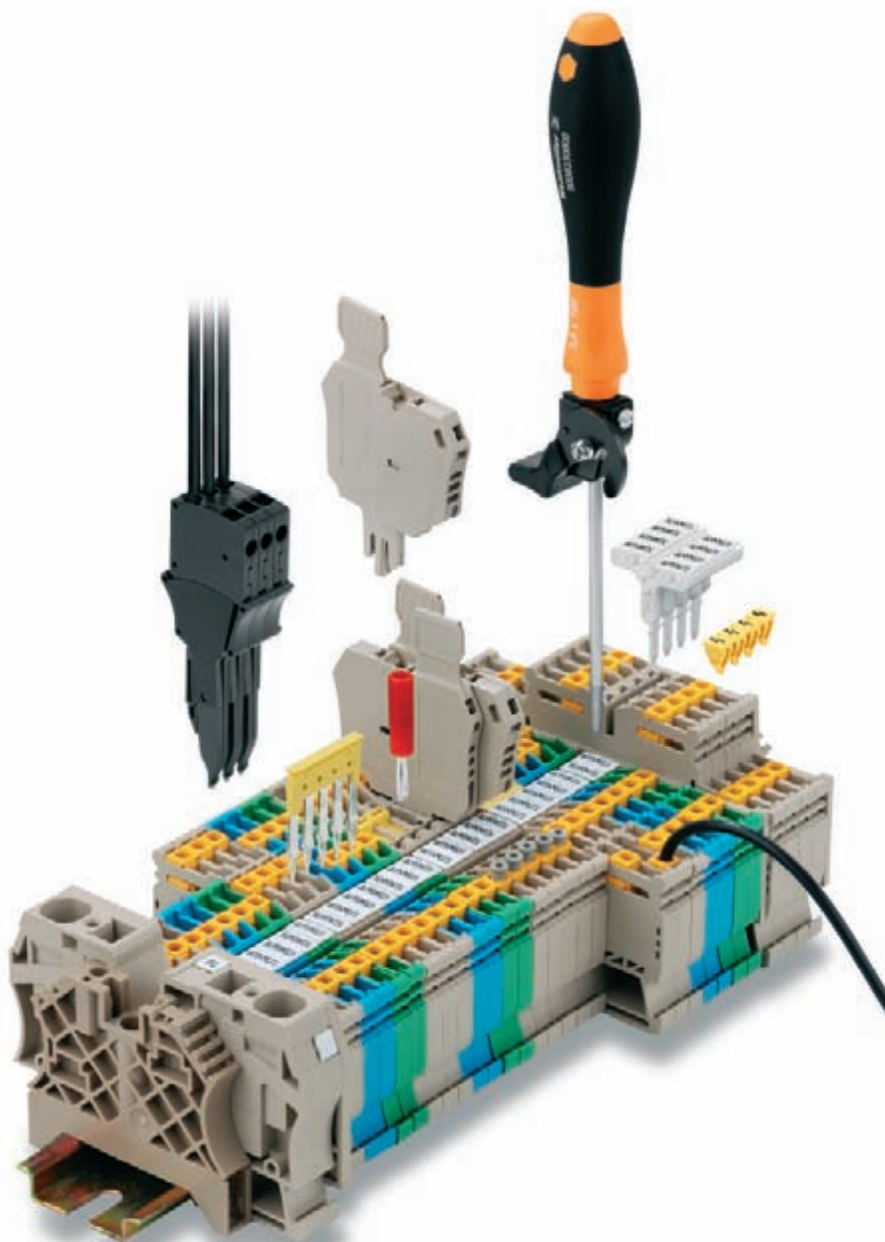
WS 10/6

Type	Current [A]	Qty.	Order No.
<b>width [mm]</b>			
IAP 2.5N/4AN	2	50	<b>1813070000</b>
<b>width [mm]</b>			
WEW-35/2	8	100	<b>1061200000</b>
<b>width [mm]</b>			
SWIFTY SET		1	<b>9006060000</b>
SD 0.6x3.5x100		1	<b>9008330000</b>
<b>width [mm]</b>			
IRH 2.5		100	<b>1848230000</b>

WS 10/6

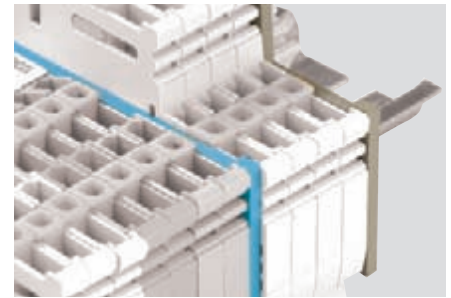
## Additional functions

Weidmüller offers users a full range of accessories for I-Series terminals, providing optimum solutions to every conceivable task – even outside the range of standard functions. All Weidmüller accessories are built to the same quality standards as the terminals themselves.



### Visual separation

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End plates and partition plates have the function of guaranteeing “finger-touch safety” in terminal strips by preventing finger contact with any conducting parts. In addition, end plates and partition plates are also used for visual separation of circuits.

This visual separation can be enhanced by using coloured end plates.

### Labelling and connecting

Chapter F

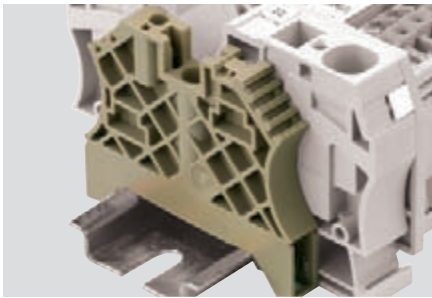


Weidmüller labelling systems featured in **chapter F** are used to mark IDC terminals.

Weidmüller IDC2 terminals are connected using a standard 0.6 x 3.5 screwdriver. Here our **Swifty®** screwdriver with combined cutting function (see **page F.65**) is a very clever solution.

**Fastening**

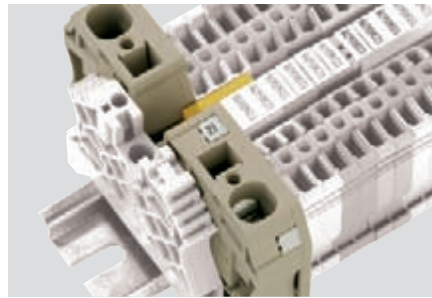
Chapter F



An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. The wide range of Weidmüller end brackets and mounting rails can be found in **Chapter F**.

**Electrical supply**

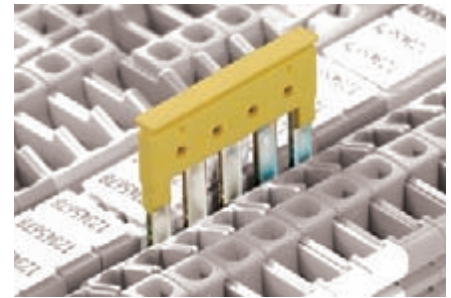
Page C.45



Weidmüller IDC2 terminals come with the **ZEI 16** supply terminal. Cross-connections break the current input down into several current outputs. The current is supplied with a conductor cross-section of 16 mm<sup>2</sup> and then distributed across neighbouring terminals for cross-sectional areas of 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>.

**Electrical distribution**

Page C.46



A plug-in **cross-connection system (ZQV)** is supplied for all Weidmüller terminals. Potential is distributed to any number of terminals simply by plugging the cross-section into the middle of the terminals.

**Pluggable terminals ...**

Page C.30

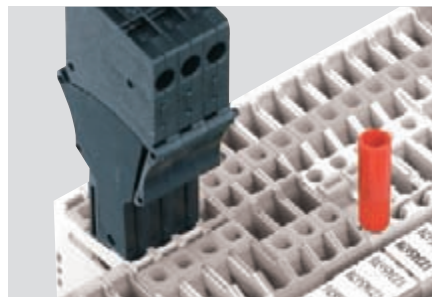
**... with IDC technology**

In its design, the terminals are based on the modular principle. The basic elements of the WeiCoS system consist of one terminal assembly for the functional unit on the mounting rail, and plug-in connectors connecting up the elements (cable harness assembly).

- Quick assembly
- Fully plugged-in functional units possible
- Quick and simple replacement during servicing

**Testing**

Page C.48



The latching test adapter (**ITA**) is used as a single unit and as a test adapter strip for measurements in control cabinets. The test adapter allows convenient, rational testing of assembled terminals. It is simply latched onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal by simply pressing the release button.

**Specific functions**

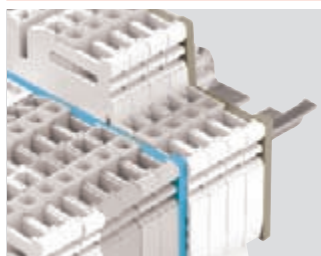
Page C.50



For the IDC terminals there are also further accessories available, e.g.

- Pluggable fuse holder (SIHA 3)
- Reducing bush for centring small conductors

End plates/partition plates



End plates are fastened to the open side of the final terminal before the end bracket. The use of end plates maintains both the function of the terminal and the required rated voltage.

The end terminal is safe from finger touch, protecting against shocks from conducting parts.

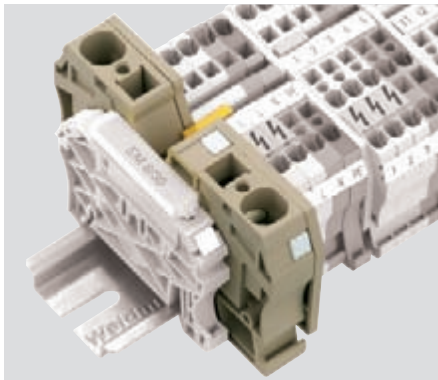
If cross-connections are shortened, end plates must be used on the bare cut edges of the cross-connection to maintain the rated voltage of 250 V.

Coloured end plates are used to enhance the visual separation between different electric circuits.

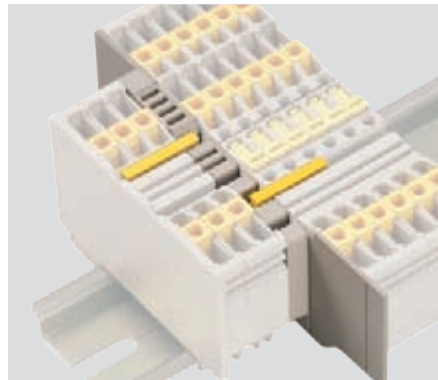
Ordering data

Type	Colour	Qty	Order No.	For terminal type
IAP 1.5N	beige	50	<b>1792430000</b>	IDU 1.5N
IAP 1.5N BL	blue	50	<b>1792440000</b>	IDU 1.5N/ZF IDU 1.5N /ZB
IAP 1.5N/3AN	beige	50	<b>1792450000</b>	IDU 1.5N/3AN
IAP 1.5N/3AN BL	blue	50	<b>1792460000</b>	IDU 1.5N/3AN/ZF IDU 1.5N/3AN/ZB ITR 1.5N ITR 1.5N/SI
IAP 1.5N/4AN	beige	50	<b>1792470000</b>	IDU 1.5N/4AN
IAP 1.5N/4AN BL	blue	50	<b>1792480000</b>	ITR 1.5/3AN ITR 1.5/3AN/SI
IAP 1.5N/DK-ZB	beige	50	<b>1896710000</b>	IDK 1.5N/ZB
	blue	50	<b>1896730000</b>	
IAP 1.5N/DK	beige	50	<b>1792520000</b>	IDK 1.5N
IAP 1.5N/DK BL	blue	50	<b>1792530000</b>	IDK 1.5N/V IDK 1.5N/DU-PE
IAP 1.5N 3L	beige	20	<b>1801770000</b>	IAK 1.5N 3L IIK 1.5N 3L
IAP 1.5N 4L	beige	20	<b>1801780000</b>	IIK 1.5N 4L IIK 1.5N 4L PA
IAP 2.5N	beige	50	<b>1813020000</b>	IDU 2.5
IAP 2.5N BL	blue	50	<b>1813030000</b>	IDU 2.5N/ZB IDU 2.5N/ZF
IAP 2.5N/3AN	beige	50	<b>1813040000</b>	IDU 2.5N/3AN
IAP 2.5N/3AN BL	blue	50	<b>1813050000</b>	ITR 2.5N ITR 2.5N/SI
IAP 2.5N/4AN	beige	50	<b>1813070000</b>	IDU 2.5N/4AN
IAP 2.5N/4AN BL	blue	50	<b>1813080000</b>	

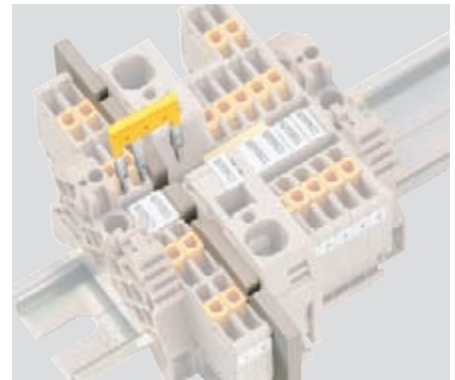
**ZEI 16 supply terminal**



The **ZEI 16** supply terminal is capable of taking conductor cross-sectional areas of up to 25 mm<sup>2</sup>. Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.



Cross-connection to ITR 1.5N/3AN with QVAR 1 (cross-connection adapter)



Power supply with the IEPL feed plate

**Supply options and corresponding cross-connections**

Output terminals	right									
	IDU 1.5N	IDU 1.5N/3AN	IDU 1.5N/4AN	IDU 2.5N	IDU 2.5N/3AN	IDU 2.5N/4AN		ITR 1.5N	ITR 1.5N/3AN	ITR 2.5N
<b>Supply terminals</b>										
<b>left</b>										
<b>ZDU 4</b>	x <sup>1</sup>	x	x	x <sup>1</sup>	x	x		x	x <sup>2</sup>	x
<b>ZDU 4 / 3 AN</b>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>		x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
<b>ZDU 4 / 4 AN</b>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x		x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
<b>ZDU 6</b>	x <sup>1</sup>	x	x	x	x	x		x	x <sup>2</sup>	x
<b>ZDU 6 / 3 AN</b>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>		x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
<b>ZEI 16</b>	x	x	x	x	x	x		x	x <sup>2</sup>	x
Output terminals	left									
	IDU 1.5N	IDU 1.5N/3AN	IDU 1.5N/4AN	IDU 2.5N	IDU 2.5N/3AN	IDU 2.5N/4AN		ITR 1.5N	ITR 1.5N/3AN	ITR 2.5N
<b>Supply terminals</b>										
<b>right</b>										
<b>ZDU 4</b>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>	x <sup>1</sup>		x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
<b>ZDU 4 / 3 AN</b>	x	x <sup>1</sup>	x <sup>1</sup>	x	x <sup>1</sup>	x <sup>1</sup>		x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
<b>ZDU 4 / 4 AN</b>	x	x	x	x	x	x <sup>1</sup>		x	x <sup>2</sup>	x
<b>ZDU 6</b>	x	x <sup>1</sup>	x <sup>1</sup>	x	x <sup>1</sup>	x <sup>1</sup>		x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
<b>ZDU 6 / 3 AN</b>	x	x <sup>1</sup>	x <sup>1</sup>	x	x <sup>1</sup>	x <sup>1</sup>		x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>
<b>ZEI 16</b>	x	x <sup>1</sup>	x <sup>1</sup>	x	x <sup>1</sup>	x <sup>1</sup>		x <sup>1</sup>	x <sup>2</sup>	x <sup>1</sup>

x<sup>1</sup> with IEPL, x<sup>2</sup> with QVAR

**Ordering data**

Type	Colour	Qty	Order No.
ZEI 16	dark beige	20	1745350000
ZEI 16 BL	blue	20	1766240000
IEPL	dark beige	20	1859570000
QVAR1	dark beige	20	1836370000

**Maximum possible current I<sub>max</sub>**

Output terminals	Cross-connection	Supply conductor cross-sectional area	Supply left or right	Supply middle
<b>IDU 1.5N</b>	<b>ZQV 2.5</b>	25 mm <sup>2</sup>	62 A	95 A
<b>IDU 2.5N</b>	<b>ZQV 4</b>	25 mm <sup>2</sup>	82 A	101 A



### Plug-in cross-connection ZQV



The time-saving, easy-to-use cross-connection combs for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV2.5/20 – continuous (20-pole)
- **ZQV 4** as 2- to 10-pole combs and ZQV4/20 – continuous (20-pole)

These versions come with complete shock protection. However, please note that the rated voltage is reduced to 400 V when using cross-connections.

This does not apply to terminals with a rated voltage below 500 V. Here the rated voltage of the used terminal is mandatory (e.g. terminal types ITR 1.5N and ITR 2.5N).

#### Breaking out contact elements

Breaking out one or more (max. 60%) contact elements from cross-connections enables certain terminals to be bypassed to suit the application.

#### Fitting and changing cross-connection

The fitting and changing of cross-connections is a trouble-free and fast operation:

- Insert the cross-connection into the cross-conn. channel in the terminal...

...and press it fully home.

(The cross-connection may not project from the channel.)

- Remove a cross-connection by simply prising it out with a screwdriver.

#### Shortening cross-connections

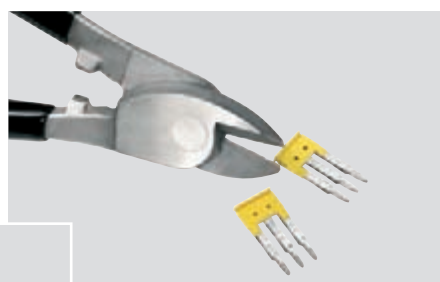
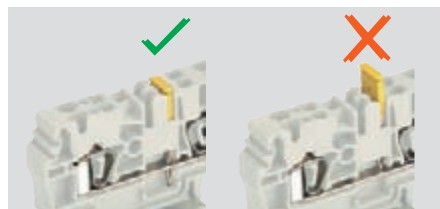
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 900217). However, three contact elements must always be retained.

#### Caution:

Contact elements must not be deformed!



If a cross-connection is shortened, end plates or partition plates (ZAP/TW) must be used to maintain the rated voltage of 250 V (fitted to the bare cut edges of the cross-connection).



### Tailor-made cross-connections

ZQV 2.5/50 is a cross-connection which can be used for connecting up to 20 individual terminals easily and quickly. The fitter simply cuts off the required number of poles from the 20-pole cross-connection comb. With this system, cross-connections with the correct number of poles are always available and only a minimum of storage space is required. The large number of poles in the 20-pole comb means that unused residual quantities are virtually avoided. The ends of the continuous cross-connection are bare. In the interests of stability, 2-pole cross-connections are not permitted. An end plate must always be fitted to neighbouring ZQVs with bare cut edges. With the ZDU 2.5 and WDU 2.5N it is sufficient to fit the ZQV in the offset position. The rated voltage is 400 V.

### ZQV 2.5



Type	Qty	Order No.
ZQV 2.5/2	60	1608860000
ZQV 2.5/3	60	1608870000
ZQV 2.5/4	60	1608880000
ZQV 2.5/5	20	1608890000
ZQV 2.5/6	20	1608900000
ZQV 2.5/7	20	1608910000
ZQV 2.5/8	20	1608920000
ZQV 2.5/9	20	1608930000
ZQV 2.5/10	20	1608940000
ZQV 2.5/20	10	1908960000

For terminal type
IDU 1.5N...
IDK 1.5N...
ITR 1.5N...
ITR 1.5N/SI...
IT 1.5N/4 AN/2
IAK 1.5N 3L
IIK 1.5N 3L
IIK 1.5N 4L
IIK 1.5N 4L PA

### ZQV 4



Type	Qty	Order No.
ZQV 4/2	60	1608950000
ZQV 4/3	60	1608960000
ZQV 4/4	60	1608970000
ZQV 4/5	20	1608980000
ZQV 4/6	20	1608990000
ZQV 4/7	20	1609000000
ZQV 4/8	20	1609010000
ZQV 4/9	20	1609020000
ZQV 4/10	20	1609030000
ZQV 4/20	20	1909010000

For terminal type
IDU 2.5N...
ITR 2.5N...
ITR 2.5N/SI...

### IRH

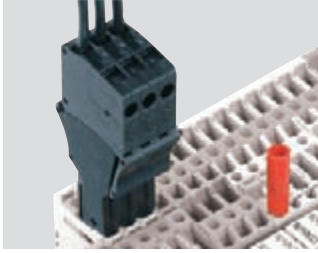
#### Reducing sleeves

Reducing sleeves are used to make it easier to connect conductors with smaller cross-sectional areas. The reducing sleeve centres the conductor in the middle of the IDC2 contact.

Type	Qty	Order No.
IRH 1.5 for terminals IDU 1.5	100	1804510000
IRH 2.5 for terminals IDU 2.5N	100	1848230000

Accessories – Testing

Test adapter



The ITA slot-in test adapter is used as both a single unit and a test adapter strip for measurements in switchgear cabinets.

Conductors with cross-sectional areas ranging from 0.5 mm<sup>2</sup> to 1.0 mm<sup>2</sup> can be clamped. The test adapter is simply slotted into the terminal, creating secure contact with the current carrying busbar. This connection is released again by simply pressing the release button.

Test plug



There is a test point for the PS 2.3 test plug in some terminals of the I-Series. For quick measurements, simply insert the test plug into the opening provided.

This is different from the test adapter in that the test plug does not slot into the terminal.

ITA 1



ITA 2



PS 2.3



Plug diameter 2.3 mm

Dimensions	
Height	mm
Length	mm
Modular width	mm
Stripping length	mm
Rated voltage / current / cross-section	
IEC 60 947-7-1	
Clamping conductor	
Solid	mm <sup>2</sup>
Flexible	mm <sup>2</sup>
Torque	Nm
Ordering data	
1-pole	
with clip-in pivot	

Height	mm	76
Length	mm	27
Modular width	mm	5.1
Stripping length	mm	6.0
Rated voltage / current / cross-section		
500 V / 12 A / 1.0 mm <sup>2</sup>		
Clamping conductor		
Solid	mm <sup>2</sup>	0.5 ... 1.0
Flexible	mm <sup>2</sup>	0.5 ... 1.0
Torque	Nm	0.4
Ordering data		
Type	Qty	Order No.
ITA 1	25	1803800000
ITA 1 / ZA	25	1803810000
For terminal type		
IDU 1.5N...		
IDK 1.5N...		
ITR 1.5N...		
ITR 1.5N/SI...		
IT 1.5N/4 AN/2		

Height	mm	76
Length	mm	27
Modular width	mm	6.1
Stripping length	mm	6.0
Rated voltage / current / cross-section		
500 V / 12 A / 1.0 mm <sup>2</sup>		
Clamping conductor		
Solid	mm <sup>2</sup>	0.5 ... 1.0
Flexible	mm <sup>2</sup>	0.5 ... 1.0
Torque	Nm	0.4
Ordering data		
Type	Qty	Order No.
ITA 2	25	1821210000
ITA 2 / ZA	25	1821220000
For terminal type		
IDU 2.5N...		
ITR 2.5N...		
ITR 2.5N/SI		

Type	Qty	Order No.
PS 2.3 RD	20	0180400000
For terminal type		
ITR 1.5N		
ITR 1.5N/3 AN		
ITR 2.5N		

Marking / Covering



The VDE regulations stipulate that mains connection terminals have to be covered.

For this purpose Weidmüller provides yellow covers printed with a warning arrow.

The covers slot into the screwdriver opening of the terminal, and are available in 4-pole terminal units.

IAD 1/4



Type	Qty	Order No.
IAD 1/4	20	1805500000
IAD 1/4 blank	20	1818420000

For terminal type	
IDU 1.5N...	IT 1.5N/4 AN/2
IDK 1.5N...	IAK 1.5N 3L
ITR 1.5N...	IIK 1.5N 3L
ITR 1.5N/SI...	IIK 1.5N 4L
	IIK 1.5N 4L PA

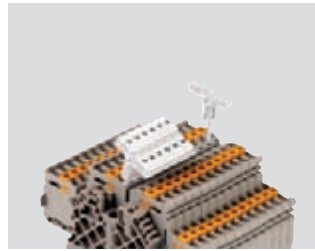
IAD 2/4



Type	Qty	Order No.
IAD 2/4	20	1828420000
IAD 2/4 blank	20	1828430000

For terminal type	
IDU 2.5N...	
ITR 2.5N...	
ITR 2.5N/SI...	

Snap Mark



This tag carrier was specially conceived for the I-Series IDK 1.5N double level terminal.

The flexible hinge mechanism allows cross-connections to be readily connected or disconnected. It can be fitted with four DEK 5 tags or two WS 10/5 Middle connector markers.

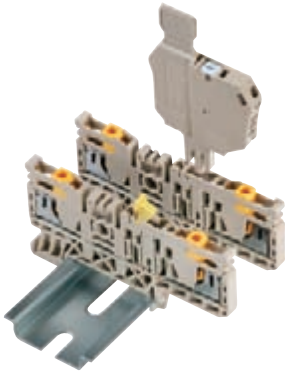


Technical data	
Material	Polyamide
Flammability class to UL94	V-2
Temperature range	-40°C...100°C
Colour	white

Type	Length / Width [mm]	Qty	Order No.
Snap Mark I	23.0	50	1805880000

Accessories – Other functions

SIHA fuse holder



**For 5 x 20 G-fuse cartridges**

The SIHA fuse holder converts a simple terminal into a fuse terminal in next to no time.

Simply remove the disconnect lever and insert the fuse plug.

- Simple handling without tools
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23°C ambient temperature (also for 1.5 times rated current – composite arrangement)

- Even fits on 5 mm wide terminals when fitted in offset arrangement

- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



1. Open fuse holder with fingers or screw-driver



2. Press out old fuse driver



3. Position new fuse



4. Press fuse holder together again

SIHA 3



	Qty	Order No.
without LED		
<b>SIHA3/G20</b>		
400 V	1	7921560000
with LED (red)		
<b>SIHA3/G20</b>		
10 - 36 V	1	7921570000
35 - 70 V	1	7921580000
60 - 150 V	1	7921590000
140 - 250 V	1	7921600000

**For terminal type**

- ITR 1.5 N
- ITR 1.5 N / 3 AN
- ITR 2.5 N

SIHA STRAP



	Qty	Order No.
with strap		
<b>SIHA STRAP</b>		
	20	9537680000

Connector for retro-fit assembly

- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either on the left or on the right

## Cartridge fuses and gauge pieces for Weidmüller fuse terminals and SIHA 3 fuse holder

### Cartridge fuses

#### For terminal type

ITR 1.5N/SI  
ITR 1.5N/3AN/SI  
ITR 2.5N/SI



#### Technical data / Ordering data

G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt 2)						
Size (mm)	Nom. voltage (V)	Nom. current (A)	Type	Qty	Order No.	
5 x 20 breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0.7)	250	0.1	(F)	G 20/0.10A/F	10	0430300000
		0.2	(F)	G 20/0.20A/F	10	0430400000
		0.25	(F)	G 20/0.25A/F	10	0430500000
		0.5	(F)	G 20/0.50A/F	10	0430600000
		0.63	(F)	G 20/0.63A/F	10	0439000000
		1.0	(F)	G 20/1.00A/F	10	0430700000
		1.6	(F)	G 20/1.60A/F	10	0430800000
		2.0	(F)	G 20/2.00A/F	10	0430900000
		2.5	(F)	G 20/2.50A/F	10	0431000000
		3.15	(F)	G 20/3.15A/F	10	0431100000
		4.0	(F)	G 20/4.00A/F	10	0431200000
		5.0	(F)	G 20/5.00A/F	10	0431300000
		6.3	(F)	G 20/6.30A/F	10	0431400000
		(M) = medium-blow (F) = fast-blow				

### Component/isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the "disconnecting products" of the W-, Z-, I- and P-Series.

### Component plug (up to 250 V)

can be reversed



#### Ordering data

Type	Fitted with...	Qty	Order No.
BEST	-	25	1833100000
BEST/ DRBR	wire jumper	25	1878570000
BEST/D	diode 1N4007	25	1878560000

#### For terminal type

ITR 1.5 w/o TNHE lever  
ITR 2.5 w/o TNHE lever

### Isolating plug

#### Isolating plug



#### Ordering data

Type	Colour	Qty	Order No.
TNST	yellow Wemid	25	1833090000

#### For terminal type

ITR 1.5 w/o TNHE lever  
ITR 2.5 w/o TNHE lever