



#### IDC connection for:

- Standard DIN rail terminal blocks
- Duo DIN rail terminal blocks
- Multi-tier blocks
- Disconnect blocks
- Fuse blocks
- Hybride terminal blocks

**taris** connects copper wires **easily, fast** and **safely**  
**taris** for TS 35

- no wire stripping, no ferrules
- no special tools – a screwdriver is all you need
- 60 % time savings = reduced costs
- low packing density (5 mm wide)
- optical control of the switching state
- cross sections up to 1.0 mm<sup>2</sup> and 2.5 mm<sup>2</sup>

All Wieland Components which require **CE** general certification are **CE** certified, and identified with the **CE** logo.

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#### Technical information

- The information regarding cross sectional area and connection types pertains to unprepared wires without ferrules! Ferrules are not necessary for secure connection. Whenever ferrules are used, make sure that the tools specified by the manufacturer are used exclusively.
- The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to.
- If the ground blocks of the **taris** product family are not used in block assemblies, but are mounted to the rail as single terminal blocks, end clamps have to be used.
- A detailed description of technical data, the standards requirements, and the application conditions are available under **facts** & DATA.

#### ATEX regulation

- For the use of DIN rail terminal blocks in Ex areas, the regulations of EN60079-0 apply; whereas for increased safety Exe the 60079-7 must be followed. For an approximation of the laws of the EU member states, directive 94/9/EG was created, which is generally known as ATEX 100a and which is the basis for harmonization in this field. ATEX stands for "atmosphere explosive" while 100a refers to the corresponding article of the EC contract.
- Directive ATEX 100a applies for protection against dust and gas explosions in all industrial Ex areas and in mining. The testing and certifying institutes named in directive ATEX 100a must follow accreditation procedures which are the same all over Europe.
- In accordance with EN 60079-0/60079-7 and ATEX 100a, these certifying institutes write out EC certificates for prototype tests. These prototype test certificates for components together with the corresponding quality system certification of the supplier are required to obtain the so-called ATEX approval.
- In combination with the **Ex** mark, the markings of the Wieland terminal blocks have the following meaning:

<b>Ex</b>	Identification
II	Device group
2	Category
G D	Areas
KEMA	Name of testing institute
ATEX...	Certificate, year of testing, number

#### Mounting instructions for Ex e applications

- If feed-through blocks are mounted directly adjacent to other feed-through blocks of a different size, or directly adjacent to ground blocks, the open side of the block group of the same type must be covered by an end plate or partition.
- If adjacent DIN rail terminal blocks are jumpered or if jumpered DIN rail terminal blocks are positioned next to unjumpered DIN rail terminal blocks, a partition plate must be inserted between the individual terminal block groups or at the beginning and end of a laterally or longitudinally connected terminal block (group) in order to meet the specified isolation distances. Notched out and jumpering cross connectors cannot be used in Ex areas.
- If the terminal blocks are combined with other certified series and sizes and when their accessories are used, the required creepage distances and clearances must be adhered to.
- The feed through terminal blocks and protective conductor terminal blocks are suitable for enclosures for use in explosive gas atmospheres or for use in the presence of combustible dust. For explosive gas atmospheres these enclosures must satisfy the requirements of EN 60079-0 and EN 60079-7. For combustible dust these enclosures must satisfy the requirements of EN 61241-0 and EN 61241-1.
- The indicated values for the current carrying capability refer to a maximum ambient temperature of 40°C. When the terminal blocks are loaded with the maximum rated current the temperature rise will be max. 40 K.

#### DQS certification for all company sectors

- Quality standard as per DIN ISO 9001 in Development, Production and Assembly
- Continued control of the quality standard by means of regular internal and external quality audits
- Compatible with certificates of other countries:
  - BSI Certificate, Great Britain
  - SQS Certificate, Switzerland
  - Aib-Vincotte Certificate, Belgium
  - ÖQS Certificate, Austria

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57,5

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# DIN Rail Terminal Blocks

***taris***  
IDC Connection

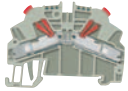

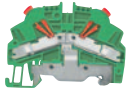







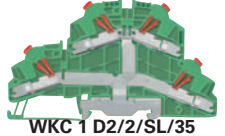















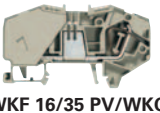
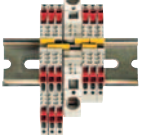
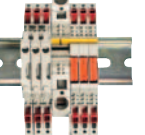
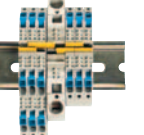
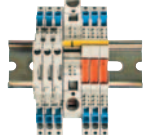








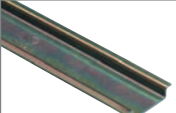
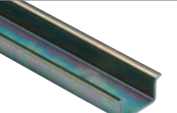
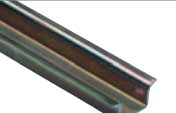
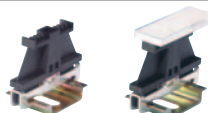
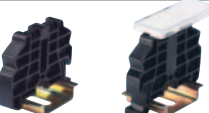







IN ISO 9001

IDC DIN rail terminal blocks,  
type WKC  
**taris** *RIS*

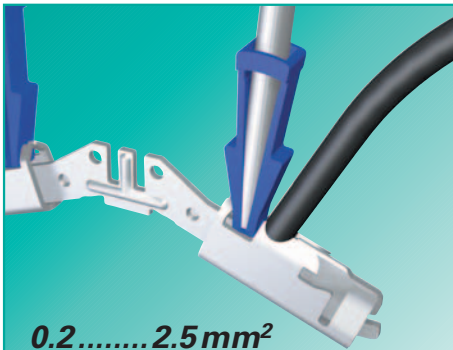
# IDC DIN rail terminal blocks, type **WKC**

# taris

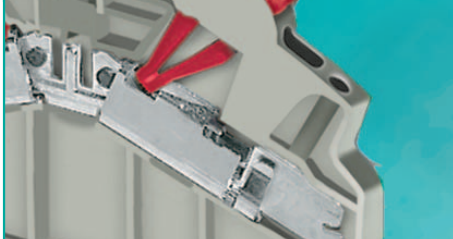
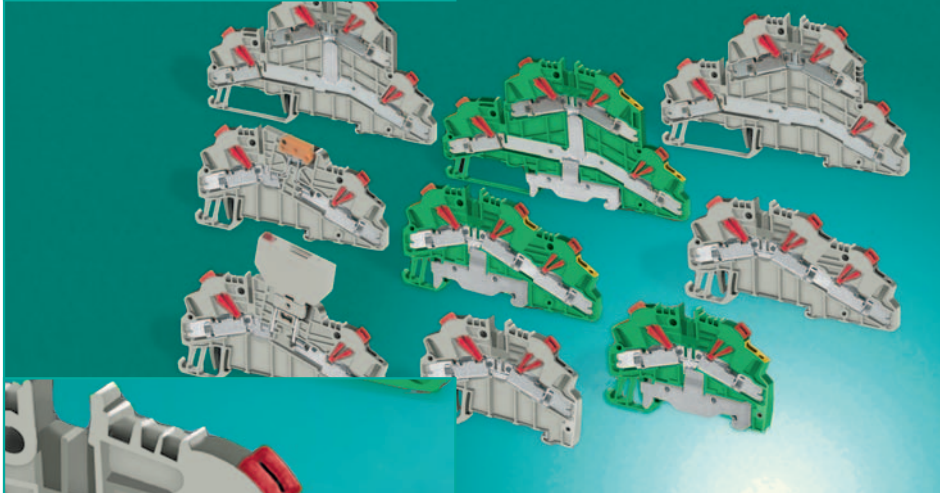
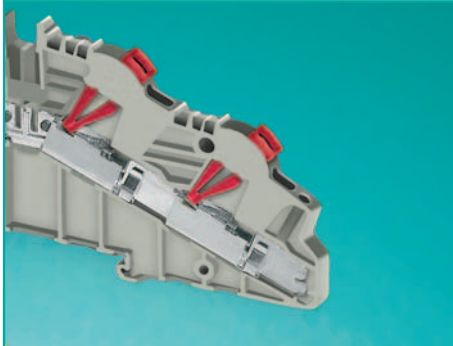
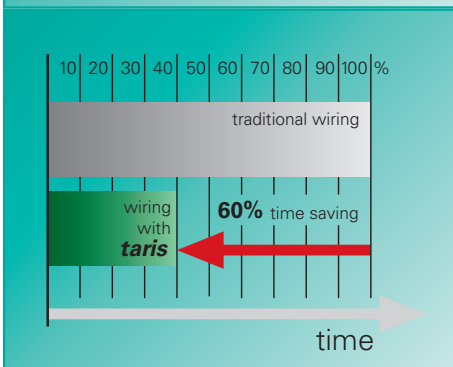
Page 300/301	 WKC 1/35	 WKC 2,5/35	 WKC 1 SL/35	 WKC 2,5 SL/35	
Page 302/303	 WKC 1 D1/2/35 WKN 150	 WKC 2,5 D1/2/35	 WKC 1 D1/2/SL/35	 WKC 2,5 D1/2/SL/35	
Page 304/305	 WKC 1 D2/2/35	 WKC 2,5 D2/2/35	 WKC 1 D2/2/SL/35	 WKC 2,5 D2/2/SL/35	
Page 306/307	 WKC 1 E/35	 WKC 2,5 E/35	 WK 6 SL	 WKC 2,5 E/35...	
Page 308/309	 WKC 1 TKM/35	 WKC 2,5 TKM/35			
Page 310/311	 WKC 1 TKG/35 with THSI 5x20	 WKC 2,5 TKG/35 with THSI 5x20	 WKC 1 TKG/35 with THSI 6,3x32	 WKC 2,5 TKG/35 with THSI 6,3x32	
Page 312/313	 WKC 1 TKG/35 with SIST	 WKC 2,5 TKG/35 with SIST	 WKC 1 TKG/35 with DISR	 WKC 2,5 TKG/35 with DIST	
Page 314/315	 WKF 16/35 PV/WKC				
Page 318/319	 WKC 1 S/C/35	 WKC 2,5 S/C/35	 WKC 1 S/C/SL/35	 WKC 2,5 S/C/SL/35	
Page 322/323	 WKC 2,5 F/C/35	 WKC 2,5 F/C/SL/35	 WKC 1 E/F/C/35	 WKC 1 D2F/2C/SL/35	
Page 324/325	 TS 35x7,5	 TS 35x15	 TS 35x15	 End clamp for TS 35	 End clamp TS 35
Page 326/327	 PS WKC/F	 Marking tag carrier	 Marking tags	 1 mm²/5 mm spacing	 2,5 mm²/6 mm spacing

# IDC DIN rail terminal blocks, type **WKC**

## **taris** RIS



0.2.....2.5 mm<sup>2</sup>



### **taris** technology

- The wire is cut to length and inserted into the wire entry guide until it reaches the defined stopping point.
- The clamping body is moved with a lever action of a standard screwdriver and pierces the insulation of the conductor.
- The spring-operated clamping body establishes the contact between the copper conductor and the busbar.

**taris** connects copper conductors **simply, quickly** and **safely**.

### **taris** provides...

- IDC connection technology
- Simple operation of the termination points
- Reduced wiring time
- Reduced panel space requirements
- Controlled switching state
- Complete product range

### Your benefits...

- **No stripping of insulation**  
It is not necessary to strip the insulation or attach ferrules for **taris**.
- **No special tools**  
Operation of the termination point with a standard screwdriver.
- **Cost reduction**  
Up to 60 % time savings depending on the type of conductor and connection technology.
- **More space in the control cabinet**  
Only **5 mm** width for WKC 1...
- **Circuit indicator**  
Visual indication of the termination point position, open or closed
- Two cross section ranges

**WKC 1...** 0.2-1.0 mm<sup>2</sup> / **red\***  
**WKC 2,5...** 1.0-2.5 mm<sup>2</sup> / **blue\***

\* Color of indicator

### Terminal block variations

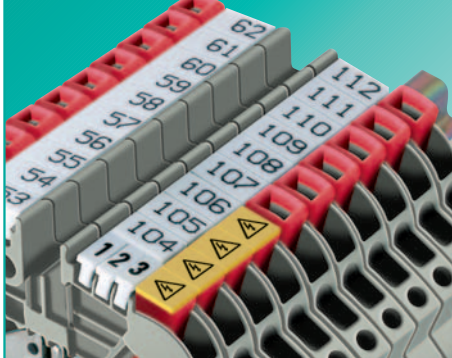
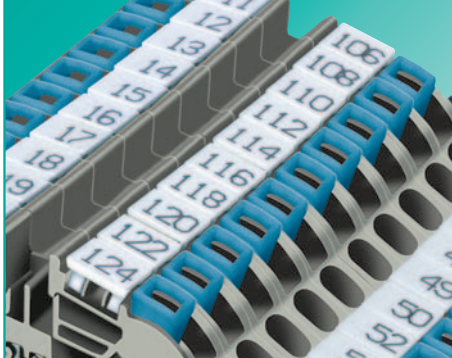
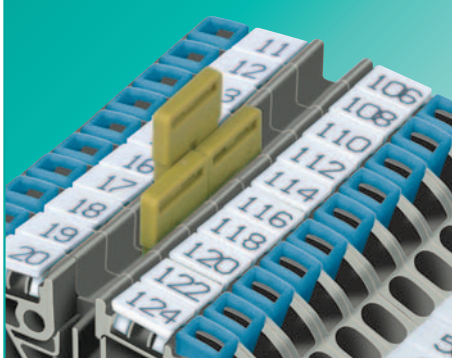
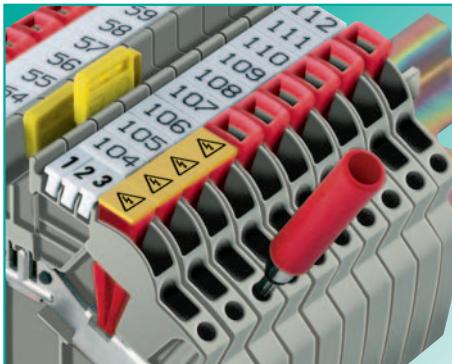
- Standard terminal blocks
- Feed-through and ground blocks
- Duo terminal blocks
- Feed-through and ground blocks
- Multi-tier blocks
- Feed-through and function blocks
- Disconnect blocks
- Ground disconnect and knife edge disconnect block

- taris** is designed for long-term use under demanding conditions

- Safe connection
  - in accordance with EN 60352-3/4
  - in accordance with EN 60947-7-1/2 means for example:
- Multiple clampings
- Vibration resistance
- Use under corrosive conditions
- Climatic resistance

# IDC DIN rail terminal blocks, type **WKC**

# taris



## Test plug

- taris** provides built-in test points for all its blocks, therefore measurements can be performed without having to remove the wiring.
- Entry guides on each side of the terminal blocks allow measurement with standard  $\varnothing 2.3$  mm **test probes and test plugs** for maintenance and troubleshooting.

## Cross connection

- IVB WKF insulated cross connectors offer complete protection from shock-hazard per EN 60352-3/4 and EN 60947-7-1.
- Partition plates between neighboring cross connections are not necessary to meet creepage requirements.
- IVB WKF cross connectors bear the same rated current as the terminal block

## Marking accessories

- Single marking tag
- Marking strips (10 single tags) for snapping onto the terminal strip.
- Tear-off marking strips for 3-digit marking per block
- Custom marking available on request

## ADC warning cover

- taris** offers a snap-on cover with the **ADC** warning symbol to prevent tampering of blocks which remain live after the system is switched off.
- A tool is required to remove the cover for added safety.

## DQS certificates for all products

- Quality standard as per DIN ISO 9001
- In Development, Production, Assembly
- Continued control of the quality standard by means of regular internal and external quality audits
- Compatible with certificates of other countries:
  - BSI Certificate, Great Britain
  - SQS Certificate, Switzerland
  - Aib-Vincotte Certificate, Belgium
  - ÖQS Certificate, Austria

## Modular test plug

- The modular test plug enables tests and measurements to be performed in the jumpering channel. The modular design in 5 and 6 mm spacing with blank modules for jumpered blocks and the jumpering option of the test plug itself enable individual test configurations and quick final testing during manufacturing.

## Materials

- Metal parts:
  - Special alloys enable low feed-through resistance and provide a gas-tight contact area:
  - Clamping body: tin-plated copper
  - Busbar: tin-plated copper
  - Mounting foot: tin-plated brass
- Insulating material:
  - Polyamide has excellent electrical, chemical and mechanical characteristics.
  - Insulating housings: Polyamide 66/6
  - Creepage resistance: CTI 600
  - Flammability class: UL 94-V0
  - (also see section **facts & DATA**)

Our **wieplan** software helps to plan your DIN rail terminal block assemblies (see page 36/37).

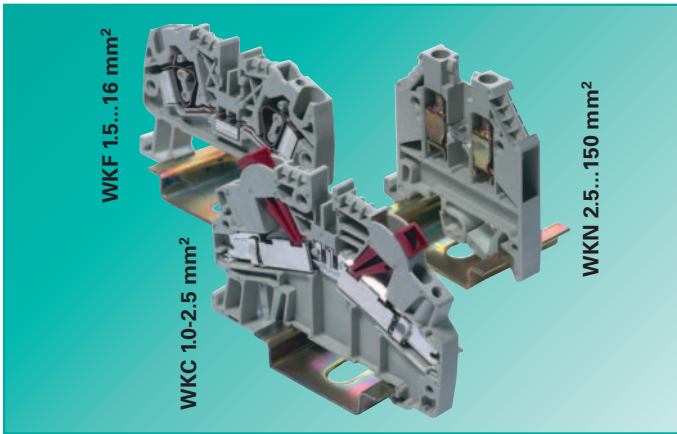
## Note

The information regarding cross-sectional areas and connection types pertains to wires without ferrules. Ferrules are not necessary for secure connection.

The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to. For this purpose, **Wieland** offers a large selection of appropriate accessories.

A detailed description of technical data, the standards requirements, and the application conditions can be found in catalog section **facts & DATA**.

# Concept *taris*



## **taris**

With the WKC product range, Wieland completes its range of DIN rail terminal blocks and provides the appropriate connection technology for any control cabinet application.

The WKC series enables the connection of copper wires using **I**nsulation **D**isplacement **C**onnection.

Our DIN rail terminal blocks with IDC connection are called **taris**.

**taris** reduces your wiring costs and provides all the benefits of our screw and spring clamp terminal blocks.

## The circuit

Wiring of copper conductors with **taris** is simple, quick and safe.

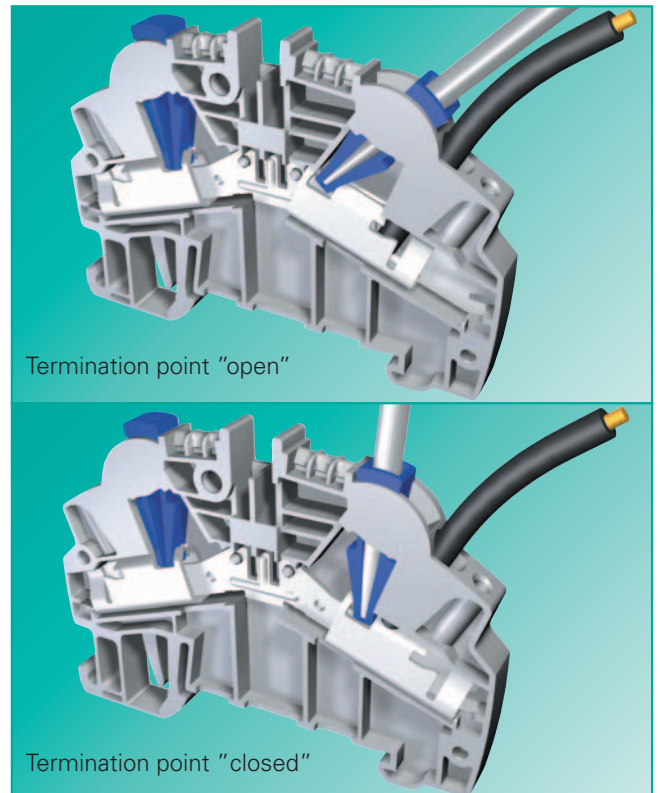
- **Simple** – The wire is **ONLY** cut to length, inserted into the clamping body and the termination point is operated with a standard screwdriver in a lever action-done.
- **Quick** – Time-consuming tasks for preparing the wires such as stripping the insulation and attaching ferrules are not required.  
**Time savings** of up to 60% lead to **cost reduction**.
- **Safe** – The **conductor** is not moved during operation – as with all other Wieland terminal blocks. Therefore, there is no risk of the conductors sliding out of position with **taris**.

The **position indicator** visually indicates the state of the termination point.  
The color of the indicator signifies the rated cross section of the DIN rail terminal block.

WKC 1...      0.21 – 1.0 mm<sup>2</sup> → **red indicator**  
WKC 2,5...    1.0 – 2.5 mm<sup>2</sup> → **blue indicator**

**Repeated operation** of the released wires is of course possible with **taris**. Smaller cross sections replace previously connected larger wire sizes without technical difficulties.

It is just as **simple, quick** and **safe** to disconnect the conductor with **taris** as it is to connect it.



## Wire specifications

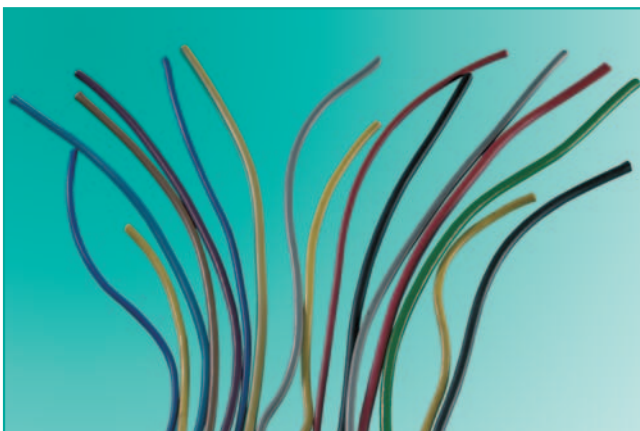
**taris** terminates solid or fine-stranded copper wires with AWG between 24 and 14 with two size of terminal blocks.

WKC ...1 : copper wire between AWG 24-18; 5 mm wide terminal block  
WKC ...2,5: copper wire between AWG 18-14; 6 mm wide terminal block

Standard control wire with PVC- and PE- insulation can be terminated

Wire with other insulation material can also be terminated, please consult Wieland for recommendation

For fine-stranded copper wires, the wire diameter must be a minimum of 0.2 mm. The composition of conductors is based on DIN VDE 0295 K1.1-5.



# Concept *taris*

## The connection

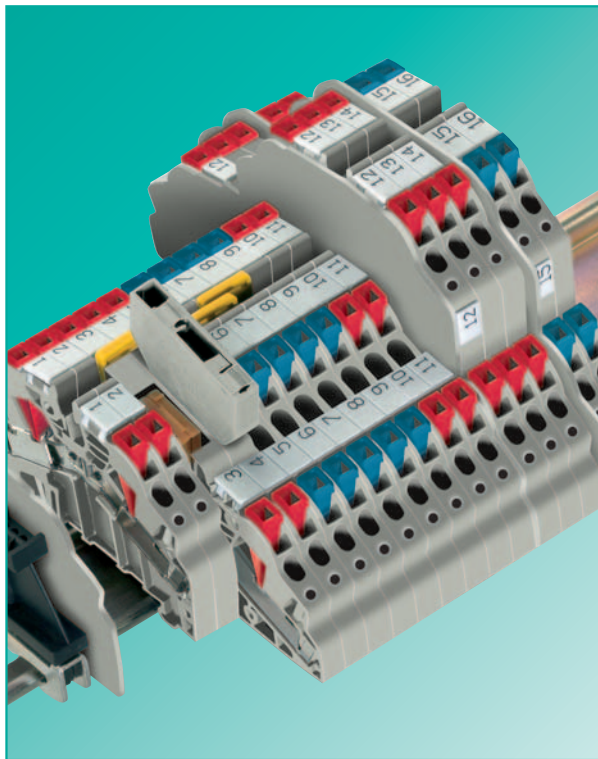
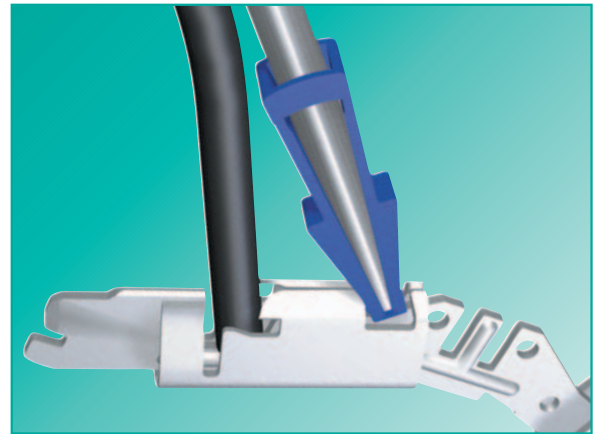
The wire is inserted through the wire entry guide of the block into the clamping body. By operating it with a standard screwdriver, the clamping body is moved and cuts the insulation of the inserted copper wire at a defined point.

The inserted wire does not move during this operation and therefore cannot slide out of the clamping body when the circuit is closed.

The clamping body is made of a copper alloy which provides a high-quality connection between the wire and the current carrying bar.

The contact quality achieved exceeds the requirements stipulated in the standards 60947-7-1 and 60352-3.

**taris** enables connection of rigid and flexible copper wires of a rated cross section between 0.21 and 2.5 mm<sup>2</sup> in two cross section ranges.



## The series

**taris** offers numerous terminal block variations in two wire ranges for most different applications. Both cross section ranges have the same outer contour:

### Standard DIN rail terminal blocks

- Terminal blocks that act as feed-through and ground blocks with one termination point on each side of the block.
- Terminal blocks with two jumpering channels provide flexibility in potential distribution.
- Terminal blocks with a marking facility for each termination point.
- Terminal blocks with a test hole for test probes at each termination point.

### Duo DIN rail terminal blocks

- Duo terminal blocks with more than two termination points for one potential.
- Duo terminal blocks as feed-through and ground blocks in D1/2 and D2/2 designs.
- Duo terminal blocks D1/2 can be jumpered with standard DIN rail terminal blocks.

### Disconnect terminal blocks

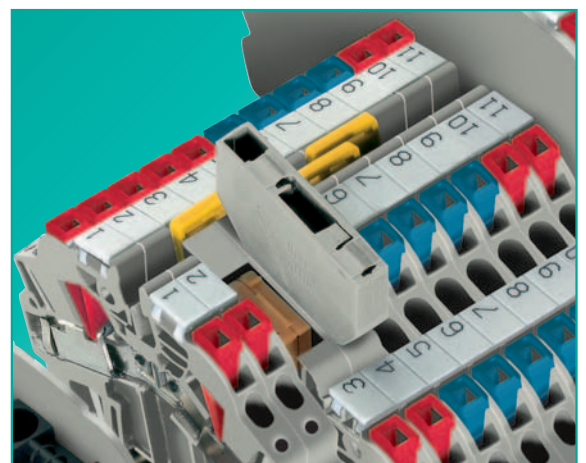
- Knife edge disconnect and disconnect blocks with diode or fuse plugs.
- Disconnect blocks can be jumpered with standard duo 1/2 terminal blocks.

### Multi-tier terminal blocks

- Multi-tier terminal blocks have the same contour as duo 2/2 terminal blocks.
- Multi-tier terminal blocks as function blocks for diode switching.

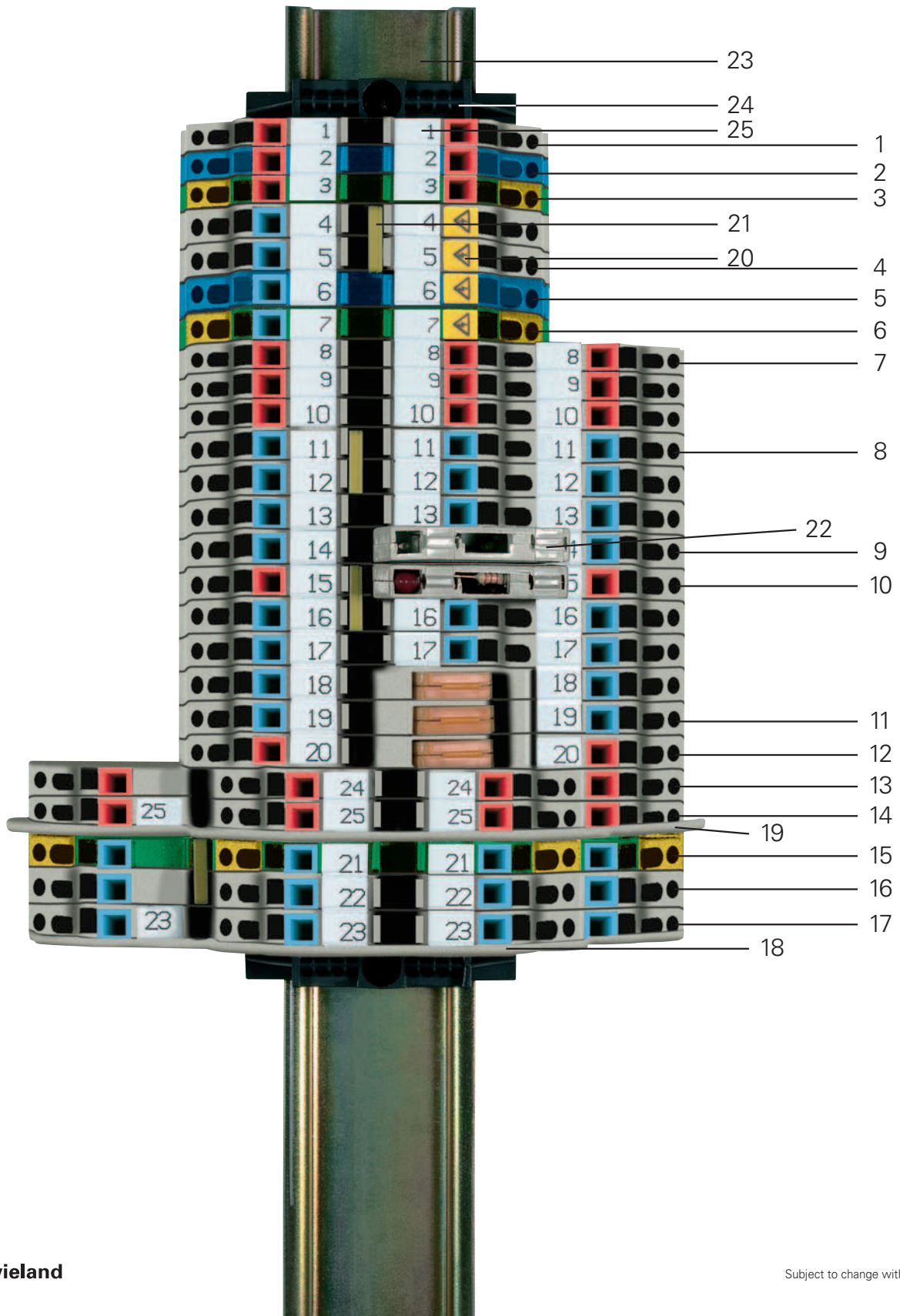
## The accessories

- The standard Wieland marking system is used for **taris**.
- For potential distribution we use the insulated cross connectors from our spring clamp connection technology.
- To implement certain connection requirements, the disconnect terminal blocks are used together with the SIST or THSI fuse plugs or the DIST diode plug from the WK or WKF range.
- To segregate groups of terminal blocks visually, **taris** provides partitions and end plates with different outer contours in order to maintain protection against accidental contact.
- For maintenance and troubleshooting, **taris** is equipped with test points for test probes or test plugs.



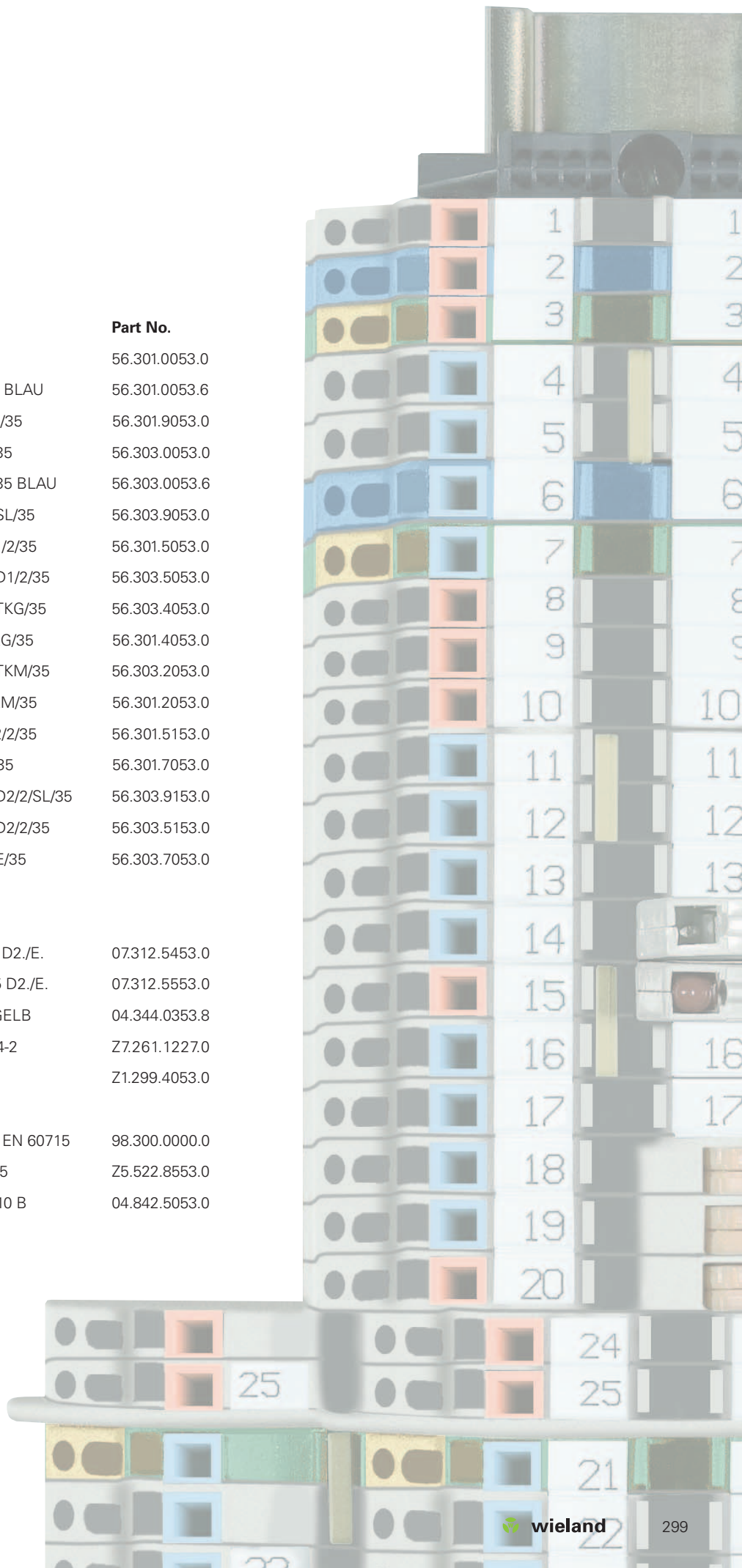


IDC DIN rail terminal blocks,  
 type **WKC**  
**taris** *RIS*



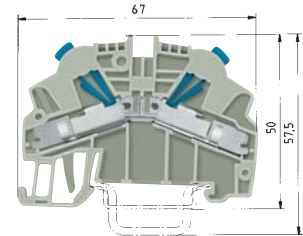
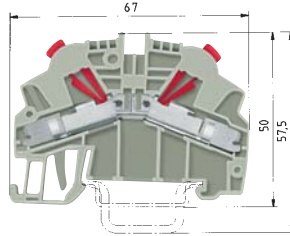
# taris sample rail

Pos.	Description	Type	Part No.
1	Feed-through block	WKC 1/35	56.301.0053.0
2	Feed-through block, blue	WKC 1/35 BLAU	56.301.0053.6
3	Ground block	WKC 1 SL/35	56.301.9053.0
4	Feed-through block	WKC 2,5/35	56.303.0053.0
5	Feed-through block, blue	WKC 2,5/35 BLAU	56.303.0053.6
6	Ground block	WKC 2,5 SL/35	56.303.9053.0
7	Duo feed-through block	WKC 1 D1/2/35	56.301.5053.0
8	Duo feed-through block	WKC 2,5 D1/2/35	56.303.5053.0
9	Disconnect block	WKC 2,5 TKG/35	56.303.4053.0
10	Disconnect block	WKC 1 TKG/35	56.301.4053.0
11	Knife edge disconnect block	WKC 2,5 TKM/35	56.303.2053.0
12	Knife edge disconnect block	WKC 1 TKM/35	56.301.2053.0
13	Duo feed-through block	WKC 1 D2/2/35	56.301.5153.0
14	Double-tier block	WKC 1 E/35	56.301.7053.0
15	Duo-ground block	WKC 2,5 D2/2/SL/35	56.303.9153.0
16	Duo-feed-through block	WKC 2,5 D2/2/35	56.303.5153.0
17	Double-tier block	WKC 2,5 E/35	56.303.7053.0
18	End plate	APC 1-2,5 D2./E.	07.312.5453.0
19	Partition plate	TWC 1-2,5 D2./E.	07.312.5553.0
20	Cover with warning symbol	ADC 2,5 GELB	04.344.0353.8
21	Jumper bar, insulated	IVB WKF 4-2	Z7.261.1227.0
22	Fuse plug (G 5x20)	SIST	Z1.299.4053.0
23	Mounting rail	35x27x7,5 EN 60715	98.300.0000.0
24	End clamp	9708/2 S35	Z5.522.8553.0
25	Marking strips	9705 A/5/10 B	04.842.5053.0



# IDC feed-through blocks, type WKC

## taris



0344 Ex II 2GD IM2

Ex e I/II

EN 60 947-7-1:2002

UL ratings

CSA ratings

KEMA 02 ATEX 2113 U<sup>1)</sup> EN 60079-0/EN 60079-7

Width Rated cross section

Approvals

### WKC 1/35

fine-stranded	solid	V	A
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	800 V/8 kV/3	13,5
No. 30-18 AWG		600 V	13
No. 24-18 AWG		600 V	13
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	690 V	13,5
5 mm			1 mm <sup>2</sup>

ATEX AEx Ex

### WKC 2,5/35

fine-stranded	solid	V	A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	800 V/8 kV/3	24
No. 18-14 AWG		600 V	22
No. 16-14 AWG		600 V	20
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	690 V	24
6 mm			2.5 mm <sup>2</sup>

ATEX AEx Ex

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Feed-through block</b>	gray	WKC 1/35	56.301.0053.0	100	WKC 2,5/35	56.303.0053.0	100
<b>Feed-through block</b>	blue	WKC 1/35 BLAU	56.301.0053.6	100	WKC 2,5/35 BLAU	56.303.0053.6	100
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35 <sup>2)</sup> , with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APC 1-2,5	07.312.5053.0	10	APC 1-2,5	07.312.5053.0	10
	blue	APC 1-2,5 BLAU	07.312.5053.6	10	APC 1-2,5 BLAU	07.312.5053.6	10
	green						
4. Partition plate	gray	TWC 1-2,5	07.312.5153.0	10	TWC 1-2,5	07.312.5153.0	10
	blue	TWC 1-2,5 BLAU	07.312.5153.6	10	TWC 1-2,5 BLAU	07.312.5153.6	10
5. Jumper bar,	2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
insulated	3 pole	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
	6 pole	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
	7 pole	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
	8 pole	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
	9 pole	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
	10 pole	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
6. Cover w. warning symbol over 4 blocks		ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
Marking accessories also see page 326-327							

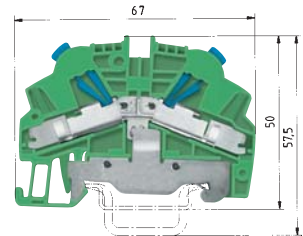
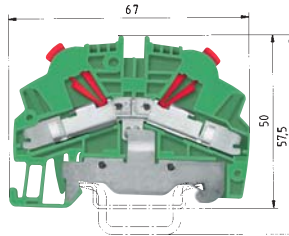
\*<sup>1)</sup> In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.

<sup>1)</sup> Please note the mounting instructions on page 290.

<sup>2)</sup> Do not use in Ex environments.

# IDC ground blocks, type **WKC**

## taris



0344 Ex II 2GD IM2

Ex e I/II

EN 60 947-7-2:2002

UL ratings

CSA ratings

KEMA 02 ATEX 2113 U<sup>1)</sup> EN 60079-0/EN 60079-7

Width Rated cross section

Approvals

### WKC 1 SL/35

fine-stranded solid V A  
 0.2 – 1 mm<sup>2</sup> 0.2 – 1 mm<sup>2</sup> 800 V/8 kV/3 13.5  
 No. 30-18 AWG 600 V  
 No. 24-18 AWG  
 0.2 – 1 mm<sup>2</sup> 0.2 – 1 mm<sup>2</sup> \*)  
 5 mm 1 mm<sup>2</sup>

ATEX AEx Ex

### WKC 2,5 SL/35

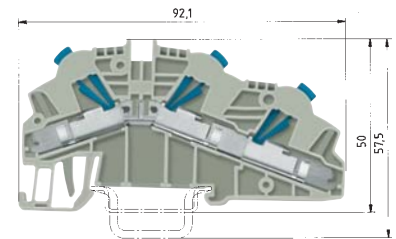
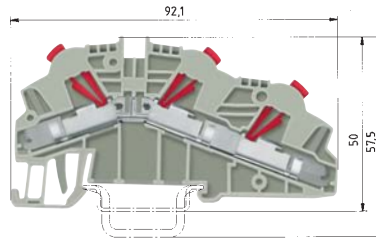
fine-stranded solid V A  
 1 – 2.5 mm<sup>2</sup> 1 – 2.5 mm<sup>2</sup> 800 V/8 kV/3 24  
 No. 18-14 AWG 600 V  
 No. 16-14 AWG  
 1 – 2.5 mm<sup>2</sup> 1 – 2.5 mm<sup>2</sup> \*)  
 6 mm 2.5 mm<sup>2</sup>

ATEX AEx Ex

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Ground block</b>	green/yellow	WKC 1 SL/35	56.301.9053.0	100	WKC 2,5 SL/35	56.303.9053.0	100
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35 <sup>2)</sup> , with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray						
	blue						
	green	APC 1-2,5 GRÜN	07.312.5053.7	10	APC 1-2,5 GRÜN	07.312.5053.7	10
4. Partition plate	gray						
	blue						
5. Jumper bar,	2 pole						
insulated	3 pole						
	4 pole						
	5 pole						
	6 pole						
	7 pole						
	8 pole						
	9 pole						
	10 pole						
6. Cover w. warning symbol over 4 blocks		ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5

# IDC duo feed-through blocks, type WKC

## taris



0344 Ex II 2GD IM2

Ex e I/II

EN 60 947-7-1:2002

UL ratings

CSA ratings

KEMA 02 ATEX 2113 U<sup>1)</sup> EN 60079-0/EN 60079-7

Width Rated cross section

Approvals

### WKC 1 D1/2/35

fine-stranded	solid	V	A
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	800 V/8 kV/3	13.5
No. 30-18 AWG		600 V	13
No. 24-18 AWG		600 V	13
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	690 V	13.5
5 mm			1 mm <sup>2</sup>

ATEX AEx Ex

### WKC 2,5 D1/2/35

fine-stranded	solid	V	A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	800 V/8 kV/3	24
No. 18-14 AWG		600 V	22
No. 16-14 AWG		600 V	20
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	690 V	24
6 mm			2.5 mm <sup>2</sup>

ATEX AEx Ex

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Duo feed-through block</b>	gray	WKC 1 D1/2/35	56.301.5053.0	50	WKC 2,5 D1/2/35	56.303.5053.0	50
<b>Duo feed-through block</b>	blue	WKC 1 D1/2/35 BLAU	56.301.5053.6	50	WKC 2,5 D1/2/35 BLAU	56.303.5053.6	50
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35 <sup>2)</sup> , with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APC 1-2,5 D1./TK.	07.312.5253.0	10	APC 1-2,5 D1./TK.	07.312.5253.0	10
	blue	APC 1-2,5 D1./TK.BLAU	07.312.5253.6	10	APC 1-2,5 D1./TK.BLAU	07.312.5253.6	10
	green						
4. Partition plate	gray	TWC 1-2,5 D1.	07.312.5353.0	10	TWC 1-2,5 D1.	07.312.5353.0	10
	blue	TWC 1-2,5 D1. BLAU	07.312.5353.6	10	TWC 1-2,5 D1. BLAU	07.312.5353.6	10
5. Jumper bar,	2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
insulated	3 pole	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
	6 pole	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
	7 pole	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
	8 pole	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
	9 pole	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
	10 pole	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
6. Cover w. warning symbol over 4 blocks		ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
10. Marking accessories					9705 A/5/10	04.242.5053.0	25
Marking accessories also see page 326-327							

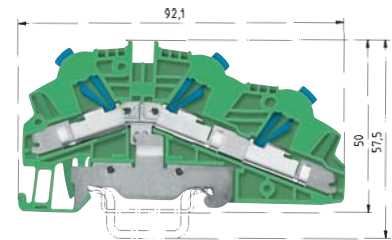
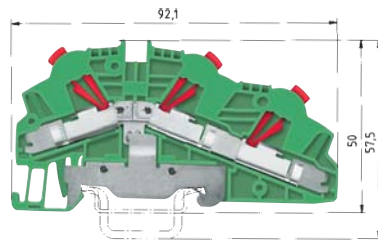
\*<sup>1)</sup> In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.

<sup>1)</sup> Please note the mounting instructions on page 290.

<sup>2)</sup> Do not use in Ex environments.

# IDC duo ground blocks, type **WKC**

## taris



0344 Ex II 2GD IM2

Ex e I/II

EN 60 947-7-2:2002

UL ratings

CSA ratings

KEMA 02 ATEX 2113 U<sup>1)</sup> EN 60079-0/EN 60079-7

Width Rated cross section

Approvals

### WKC 1 D1/2/SL/35

fine-stranded solid V A  
 0.2 – 1 mm<sup>2</sup> 0.2 – 1 mm<sup>2</sup> 800 V/8 kV/3 13.5  
 No. 30-18 AWG 600 V  
 No. 24-18 AWG  
 0.2 – 1 mm<sup>2</sup> 0.2 – 1 mm<sup>2</sup> \*)  
 5 mm 1 mm<sup>2</sup>

ATEX AEx Ex

### WKC 2,5 D1/2/SL/35

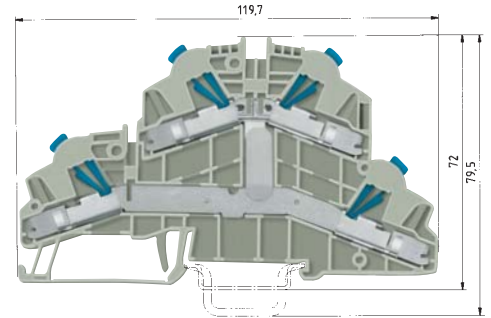
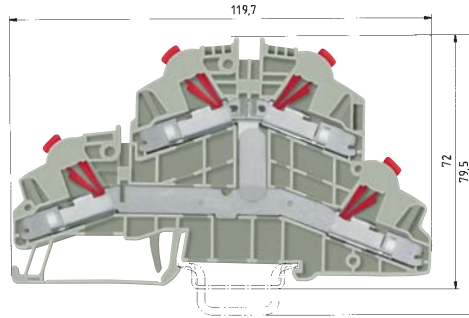
fine-stranded solid V A  
 1 – 2.5 mm<sup>2</sup> 1 – 2.5 mm<sup>2</sup> 800 V/8 kV/3 24  
 No. 18-14 AWG 600 V  
 No. 16-14 AWG  
 1 – 2.5 mm<sup>2</sup> 1 – 2.5 mm<sup>2</sup> \*)  
 6 mm 2.5 mm<sup>2</sup>

ATEX AEx Ex

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
<b>Duo ground block</b> green/yellow	WKC 1 D1/2/SL/35	56.301.9353.0	50	WKC 2,5 D1/2/SL/35	56.303.9353.0	50	
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	
Mounting rail 35, 15 mm high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
2. End clamp for TS 35 <sup>2)</sup> , with screw 8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100	
End clamp for TS 35, screwless 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	
3. End plate							
	gray						
	blue						
	green	APC 1-2,5 D1./TK.GRÜN	07.312.5253.7	10	APC 1-2,5 D1./TK.GRÜN	07.312.5253.7	10
4. Partition plate							
	gray						
	blue						
5. Jumper bar,							
insulated	2 pole						
	3 pole						
	4 pole						
	5 pole						
	6 pole						
	7 pole						
	8 pole						
	9 pole						
	10 pole						
6. Cover w. warning symbol over 4 blocks	ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10	
7. Test plug	WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10	
8. Modular test plug with spring clamp connection	PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10	
Blank module for jumpered blocks		01.299.9753.0	10		01.299.9753.0	10	
End/intermediate plate for 6 mm spacing	ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10	
9. Screw driver, uninsulated	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	
10. Marking accessories				9705 A/5/10	04.242.5053.0	25	

# IDC duo feed-through blocks, type WKC

## taris



0344 Ex II 2GD IM2

Ex e I/II

EN 60 947-7-1:2002

UL ratings

CSA ratings

KEMA 02 ATEX 2113 U<sup>1)</sup> EN 60079-0/EN 60079-7

Width Rated cross section

Approvals

### WKC 1 D2/2/35

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
fine-stranded			V	A	
solid					
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	500 V/6 kV/3	13.5		
No. 30-18 AWG		600 V	13		
No. 24-18 AWG		300/600 V*	13		
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	550 V	13.5		
5 mm			1 mm <sup>2</sup>		

ATEX AEx Ex

### WKC 2,5 D2/2/35

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
fine-stranded			V	A	
solid					
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	500 V/6 kV/3	24		
No. 18-14 AWG		600 V	22		
No. 16-14 AWG		300/600 V	20		
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	550 V	24		
6 mm			2.5 mm <sup>2</sup>		

ATEX AEx Ex

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Duo feed-through block</b>	gray	WKC 1 D2/2/35	56.301.5153.0	50	WKC 2,5 D2/2/35	56.303.5153.0	50
<b>Duo feed-through block</b>	blue	WKC 1 D2/2/35 BLAU	56.301.5153.6	50	WKC 2,5 D2/2/35 BLAU	56.303.5153.6	50
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35 <sup>2)</sup> , with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APC 1-2,5 D2./E.	07.312.5453.0	10	APC 1-2,5 D2./E.	07.312.5453.0	10
	blue	APC 1-2,5 D2./E. BLAU	07.312.5453.6	10	APC 1-2,5 D2./E. BLAU	07.312.5453.6	10
	green						
4. Partition plate	gray	TWC 1-2,5 D2./E.	07.312.5553.0	10	TWC 1-2,5 D2./E.	07.312.5553.0	10
	blue	TWC 1-2,5 D2./E. BLAU	07.312.5553.6	10	TWC 1-2,5 D2./E. BLAU	07.312.5553.6	10
5. Jumper bar,	2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
insulated	3 pole	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
	6 pole	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
	7 pole	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
	8 pole	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
	9 pole	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
	10 pole	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
6. Cover w. warning symbol over 4 blocks		ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
		*300 V for use group C					
Marking accessories also see page 326-327		600 V for use group D, E					

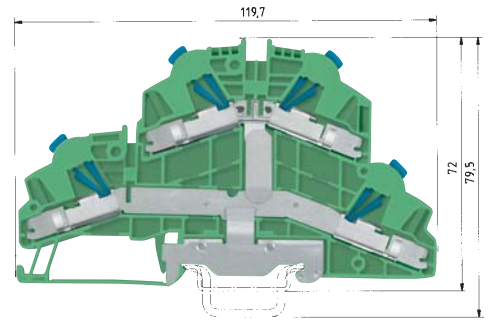
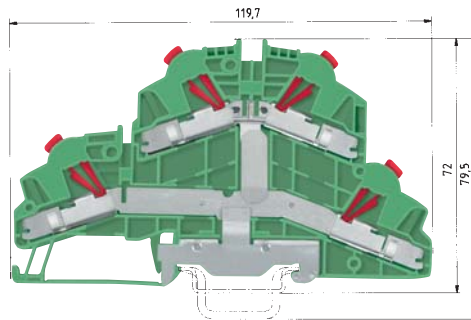
\*<sup>1)</sup> In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.

<sup>1)</sup> Please note the mounting instructions on page 290.

<sup>2)</sup> Do not use in Ex environments.

# IDC duo ground blocks, type **WKC**

## taris



0344 Ex II 2GD IM2

Ex e I/II

EN 60 947-7-2:2002

UL ratings

CSA ratings

KEMA 02 ATEX 2113 U<sup>1)</sup> EN 60079-0/EN 60079-7

Width Rated cross section

Approvals

### WKC 1 D2/2/SL/35

fine-stranded solid V A  
 0.2 – 1 mm<sup>2</sup> 0.2 – 1 mm<sup>2</sup> 500 V/6 kV/3 13.5  
 No. 30-18 AWG 600 V  
 No. 24-18 AWG  
 0.2 – 1 mm<sup>2</sup> 0.2 – 1 mm<sup>2</sup> \*)  
 5 mm 1 mm<sup>2</sup>



### WKC 2,5 D2/2/SL/35

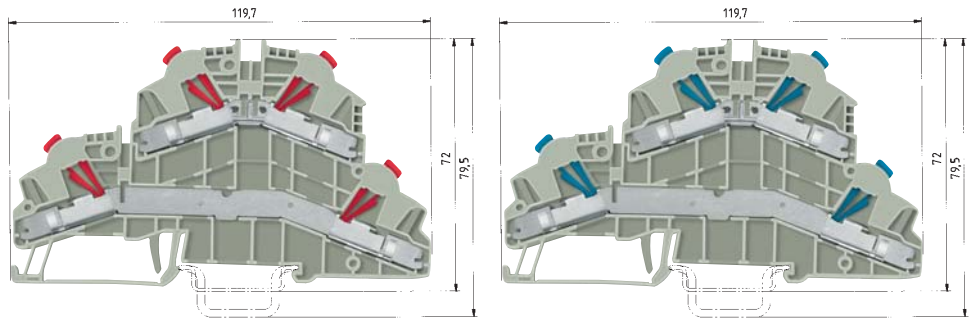
fine-stranded solid V A  
 1 – 2.5 mm<sup>2</sup> 1 – 2.5 mm<sup>2</sup> 500 V/6 kV/3 24  
 No. 18-14 AWG 600 V  
 No. 16-14 AWG  
 1 – 2.5 mm<sup>2</sup> 1 – 2.5 mm<sup>2</sup> \*)  
 6 mm 2.5 mm<sup>2</sup>



		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Duo ground block</b>	green/yellow	WKC 1 D2/2/SL/35	56.301.9153.0	50	WKC 2,5 D2/2/SL/35	56.303.9153.0	50
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35 <sup>2)</sup> , with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray						
	blue						
	green	APC 1-2,5 D2./E. GRÜN	07.312.5453.7	10	APC 1-2,5 D2./E. GRÜN	07.312.5453.7	10
4. Partition plate	gray						
	blue						
5. Jumper bar,	2 pole						
insulated	3 pole						
	4 pole						
	5 pole						
	6 pole						
	7 pole						
	8 pole						
	9 pole						
	10 pole						
6. Cover w. warning symbol over 4 blocks		ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5



# IDC double-tier blocks, type **WKC** **taris**



0344 Ex II 2GD IM2

Ex e I/II

EN 60 947-7-1:2002

UL ratings

CSA ratings

KEMA 02 ATEX 2113 U<sup>1)</sup> EN 60079-0/EN 60079-7

Width Rated cross section

Approvals

## WKC 1 E/35

fine-stranded	solid	V		A
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	500 V/6 kV/3	13.5	
No. 30-18 AWG		600 V	13	
No. 24-18 AWG		300/600 V	13	
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	550 V/440 V <sup>3)</sup>	13.5	
5 mm	1 mm <sup>2</sup>			

ATEX AEX Ex

## WKC 2,5 E/35

fine-stranded	solid	V		A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	500 V/6 kV/3	24	
No. 18-14 AWG		600 V	22	
No. 16-14 AWG		300/600 V	20	
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	550 V/440 V <sup>3)</sup>	24	
6 mm	2.5 mm <sup>2</sup>			

ATEX AEX Ex

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Double-tier block</b>	gray	WKC 1 E/35	56.301.7053.0	50	WKC 2,5 E/35	56.303.7053.0	50
<b>Double-tier block</b>	blue	WKC 1 E/35	56.301.7053.6	50	WKC 2,5 E/35	56.303.7053.6	50
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35 <sup>2)</sup> , with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APC 1-2,5 D2./E.	07.312.5453.0	10	APC 1-2,5 D2./E.	07.312.5453.0	10
	blue	APC 1-2,5 D2./E. BLAU	07.312.5453.6	10	APC 1-2,5 D2./E. BLAU	07.312.5453.6	10
	green						
4. Partition plate	gray	TWC 1-2,5 D2./E.	07.312.5553.0	10	TWC 1-2,5 D2./E.	07.312.5553.0	10
	blue	TWC 1-2,5 D2./E. BLAU	07.312.5553.6	10	TWC 1-2,5 D2./E. BLAU	07.312.5553.6	10
5. Jumper bar,	2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
insulated	3 pole	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
	6 pole	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
	7 pole	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
	8 pole	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
	9 pole	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
	10 pole	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
6. Cover w. warning symbol over 4 blocks		ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
		*300 V for use group C					
Marking accessories also see page 326-327		600 V for use group D, E					

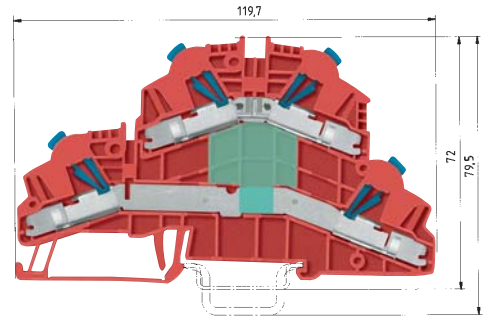
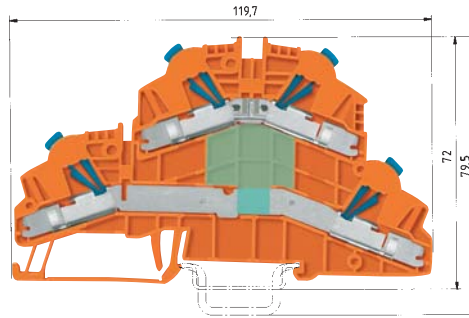
<sup>1)</sup> Please note the mounting instructions on page 290.

<sup>2)</sup> Do not use in Ex environments.

<sup>3)</sup> Bei Verwendung eines Verbindungssteckers in der unteren Ebene!

# IDC function blocks, type **WKC**

## taris



### WKC 2,5 E/35...

fine-stranded solid V A  
 1 – 2.5 mm<sup>2</sup> 1 – 2.5 mm<sup>2</sup>  
 No. 18-14 AWG  
 No. 16-14 AWG

The double-tier block is available upon request as function block for most different connection tasks.

EN 60 947-7-1  
 UL ratings  
 CSA ratings  
 KEMA ... ATEX ...  
 Width  
 Approvals

Rated cross section

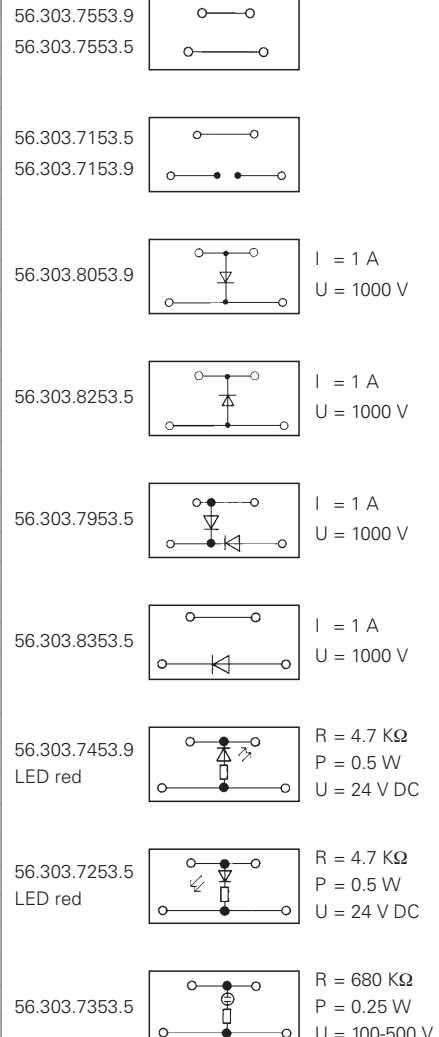
6 mm

2.5 mm<sup>2</sup>



### Examples of functions

	Type	Part No.	Std. Pack
<b>Double-tier block</b>	red	WKC 2,5 E/35...	56.303.xx53.5 50
<b>Double-tier block</b>	orange	WKC 2,5 E/35...	56.303.xx53.9 50
<b>Accessories</b>			
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0 1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0 1
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0 100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0 100
3. End plate	gray	APC 1-2,5 D2./E.	07.312.5453.0 10
	blue		
	green		
4. Partition plate	gray	TWC 1-2,5 D2./E.	07.312.5553.0 10
	blue	TWC 1-2,5 D2./E. BLAU	07.312.5553.6 10
5. Jumper bar,	2 pole	IVB WKF 4-2	Z7.261.1227.0 10
insulated	3 pole	IVB WKF 4-3	Z7.261.1327.0 10
	4 pole	IVB WKF 4-4	Z7.261.1427.0 10
	5 pole	IVB WKF 4-5	Z7.261.1527.0 10
	6 pole	IVB WKF 4-6	Z7.261.1627.0 10
	7 pole	IVB WKF 4-7	Z7.261.1727.0 20
	8 pole	IVB WKF 4-8	Z7.261.1827.0 20
	9 pole	IVB WKF 4-9	Z7.261.1927.0 20
	10 pole	IVB WKF 4-10	Z7.261.2027.0 20
6. Cover w. warning symbol over 4 blocks		ADC 2,5 GELB	04.344.0353.8 10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0 10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0 10
Blank module for jumpered blocks			01.299.9753.0 10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0 10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0 5





# *taris*

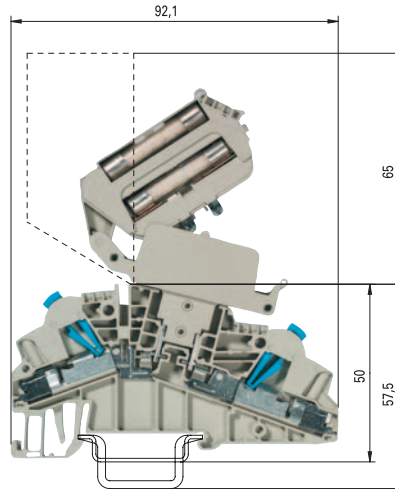
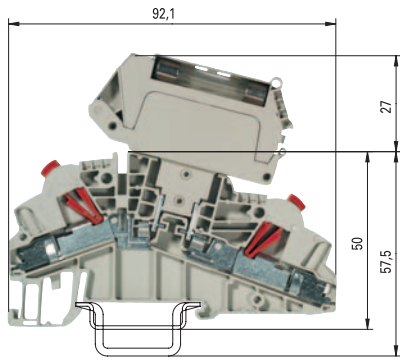




# Disconnect block with fuse disconnect lever, pluggable with IDC connection, type WKC

**taris**

The standard block includes a location for a replacement fuse.



## WKC 1 TKG/35 with fuse disconnect lever

fine-stranded	solid	V	A
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	800 V/8 kV/3	1) <sup>1)</sup>
No. 30-18 AWG		600 V*	6.3
No. 24-18 AWG		300 V	6.3

6 mm + 4 mm<sup>3)</sup>



## WKC 2,5 TKG/35 with fuse disconnect lever

fine-stranded	solid	V	A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	800 V/8 kV/3	1) <sup>1)</sup>
No. 16-14 AWG		600 V*	6.3
No. 16-14 AWG		300 V	6.3

6 mm + 4 mm<sup>3)</sup>



2.5 mm<sup>2</sup>

<sup>1)</sup> Maximum power loss at 23 °C ambient temperature (according to DIN EN 60947-7-3)

Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangem.	Group arrangem.	Single arrangem.	Group arrangem.
THSI 5x20	250 V	1.6 W	1.6 W	4.0 W	2.5 W
THSI 6,3x32	500 V	2.5 W	1.6 W	4.0 W	2.5 W

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
WKC 1 TKG/35	56.301.4053.0	50	WKC 2,5 TKG/35	56.303.4053.0	50
THSI 6,3x32	Z1.298.1653.0	10	THSI 6,3x32	Z1.298.1653.0	10
THSI 6,3x32 LED24	Z1.298.1753.0	10	THSI 6,3x32 LED24	Z1.298.1753.0	10
THSI 6,3x32 LED60	Z1.298.1853.0	10	THSI 6,3x32 LED60	Z1.298.1853.0	10
THSI 6,3x32 GL250	Z1.298.1953.0	10	THSI 6,3x32 GL250	Z1.298.1953.0	10
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
APC 1-2,5 D1./TK.	07.312.5253.0	10	APC 1-2,5 D1./TK.	07.312.5253.0	10
ZP/WKC TKG <sup>3)</sup>	07.312.6455.0	10	ZP/WKC TKG <sup>3)</sup>	07.312.6455.0	10
TWC 1-2,5 D1.	07.312.5353.0	10	TWC 1-2,5 D1.	07.312.5353.0	10
IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 2,5-3	Z7.280.6327.0	10
IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 2,5-5	Z7.280.6527.0	10
IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 2,5-7	Z7.280.6727.0	20
IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 2,5-9	Z7.280.6927.0	20
ADC 2,5 GELB	04.344.0353.8	10	ADC 2,5 GELB	04.344.0353.8	10
WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5

# IDC disconnect block, with IDC connection, type **WKC**

## **taris**

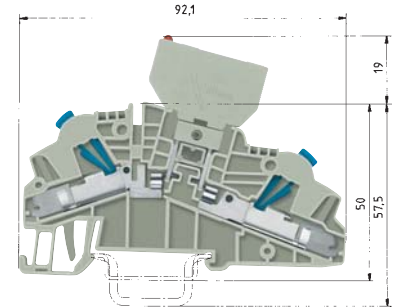
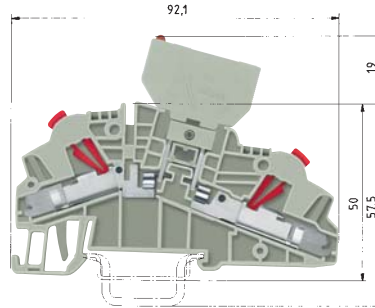
When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded.<sup>1)</sup> The current is determined by the inserted fuse.<sup>1)</sup> The voltage range is determined by the built-in LED display.<sup>2)</sup>

Depending on the application and the installation method, the conditions for temperature rise must be checked in the closed fuse holders.

Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

Indicator (24 V)      Lamp color: red  
Power consumption: 10.3 mA

Indicator (220 V)    Lamp color: red  
Power consumption: 0.3 mA



### WKC 1 TKG/35 with fuse holder

fine-stranded	solid	V	A
0.2 – 1 mm <sup>2</sup>	0.2 – 1 mm <sup>2</sup>	800 V/8 kV/3	1) 6.3
No. 30-18 AWG		600 V*	6.3
No. 24-18 AWG		300 V	6.3

Rated cross section	6 mm	1 mm <sup>2</sup>
Approvals		

### WKC 2,5 TKG/35 with fuse holder

fine-stranded	solid	V	A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	800 V/8 kV/3	1) 6.3
No. 16-14 AWG		600 V*	6.3
No. 16-14 AWG		300 V	6.3

Rated cross section	6 mm	2.5 mm <sup>2</sup>
Approvals		

EN 60 947-7-1, EN 60 127-6

UL ratings

CSA ratings

KEMA ... ATEX ...

Width

Approvals

Rated cross section

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Disconnect block</b>	gray	WKC 1 TKG/35	56.301.4053.0	50	WKC 2,5 TKG/35	56.303.4053.0	50
<b>Fuse holder</b> for fuse 5 x 20	gray	Si ST	Z1.299.4055.0	10	Si ST	Z1.299.4055.0	10
<b>Fuse holder</b> with indicator (24 V) <sup>2)</sup>	gray	Si ST LED	Z1.299.4155.0	10	Si ST LED	Z1.299.4155.0	10
<b>Fuse holder</b> with indicator (220 V) <sup>2)</sup>	gray	Si ST GL	Z1.299.4255.0	10	Si ST GL	Z1.299.4255.0	10
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APC 1-2,5 D1./TK.	07.312.5253.0	10	APC 1-2,5 D1./TK.	07.312.5253.0	10
	blue						
	green						
4. Partition plate	gray	TWC 1-2,5 D1.	07.312.5353.0	10	TWC 1-2,5 D1.	07.312.5353.0	10
	blue						
5. Jumper bar,	2 pole	IVB WKF 4-2	Z7.261.1227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
insulated	3 pole	IVB WKF 4-3	Z7.261.1327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
	6 pole	IVB WKF 4-6	Z7.261.1627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
	7 pole	IVB WKF 4-7	Z7.261.1727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
	8 pole	IVB WKF 4-8	Z7.261.1827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
	9 pole	IVB WKF 4-9	Z7.261.1927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
	10 pole	IVB WKF 4-10	Z7.261.2027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
6. Cover w. warning symbol over 4 blocks		ADC 2,5 GELB	04.344.0353.8	10	ADC 2,5 GELB	04.344.0353.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
		*300 V for use group C					
Marking accessories also see page 326-327		600 V for use group D, E					

# IDC disconnect block, with IDC connection, type **WKC**

**taris**

<sup>1)</sup> Maximum power loss at 23 °C ambient temperature (according to DIN EN 60947-7-3)

Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangem.	Group arrangem.	Single arrangem.	Group arrangem.
SIST	250 V	1.6 W	1.6 W	2.5 W	1.6 W

The power load is determined by the installed component<sup>3)</sup>

Temporary peak voltage 1000 V

Direction of the diode: Anode Cathode<sup>4)</sup>  
Cathode Anode<sup>5)</sup>

EN 60 947-7-1

UL ratings

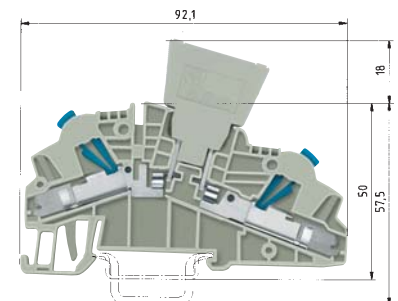
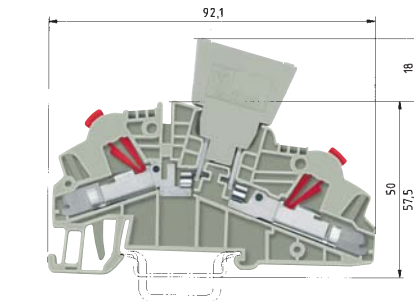
CSA ratings

KEMA ... ATEX ...

Width

Approvals

Rated cross section



## WKC 1 TKG/35 with diode plug

fine-stranded solid V A  
0.2 – 1 mm<sup>2</sup> 0.2 – 1 mm<sup>2</sup> 800 V/8 kV/3 <sup>3)</sup>  
No. 24-18 AWG 300/600 V\* <sup>3)</sup>  
No. 24-18 AWG 300/600 V <sup>3)</sup>

6 mm

## WKC 2,5 TKG/35 with diode plug

fine-stranded solid V A  
1 – 2.5 mm<sup>2</sup> 1 – 2.5 mm<sup>2</sup> 800 V/8 kV/3 <sup>3)</sup>  
No. 16-14 AWG 300/600 V\* <sup>3)</sup>  
No. 16-14 AWG 300/600 V <sup>3)</sup>

6 mm

2.5 mm<sup>2</sup>

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Disconnect block</b>	gray	WKC 1 TKG/35	56.301.4053.0	50	WKC 2,5 TKG/35	56.303.4053.0	50
<b>Diode plug – empty</b>	$J_{max} = 10 A^{3)}$ gray	DIST ...	Z1.299.3055.0	10	DIST ...	Z1.299.3055.0	10
<b>Diode plug – diode</b>	$J_{max} = 1 A^{3)}$ gray	DIST-1 N 4007-1 <sup>4)</sup>	Z1.299.3155.0	10	DIST-1 N 4007-1 <sup>4)</sup>	Z1.299.3155.0	10
<b>Diode plug – diode</b>	$J_{max} = 1 A^{3)}$ gray	DIST-1 N 4007-2 <sup>5)</sup>	Z1.299.3355.0	10	DIST-1 N 4007-2 <sup>5)</sup>	Z1.299.3355.0	10
<b>Diode plug with jumper</b>	$J_{max} = 10 A^{3)}$ gray	DIST-D	Z1.299.3255.0	10	DIST-D	Z1.299.3255.0	10
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APC 1-2,5 D1./TK.	07.312.5253.0	10	APC 1-2,5 D1./TK.	07.312.5253.0	10
	blue						
	green						
4. Partition plate	gray	TWC 1-2,5 D1.	07.312.5353.0	10	TWC 1-2,5 D1.	07.312.5353.0	10
	blue						
5. Jumper bar,	2 pole	IVB WKF 4-2	Z7.261.1227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
insulated	3 pole	IVB WKF 4-3	Z7.261.1327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
	6 pole	IVB WKF 4-6	Z7.261.1627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
	7 pole	IVB WKF 4-7	Z7.261.1727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
	8 pole	IVB WKF 4-8	Z7.261.1827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
	9 pole	IVB WKF 4-9	Z7.261.1927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
	10 pole	IVB WKF 4-10	Z7.261.2027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
6. Cover w. warning symbol over 4 blocks		ADC 2,5 GELB	04.344.0353.8	10	ADC 2,5 GELB	04.344.0353.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5



# Supply blocks for potential distribution

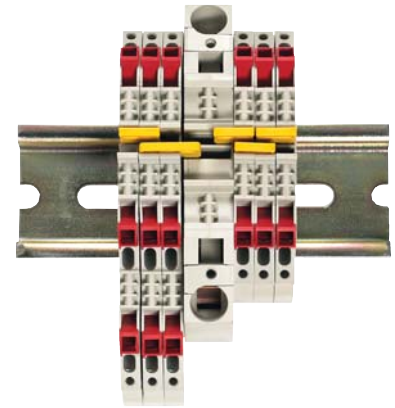
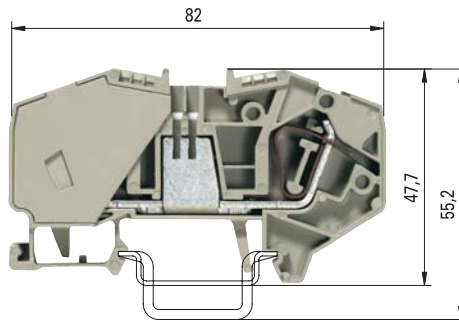
## taris

- Potential distribution with standard jumper bar IVB WKF... on **taris** DIN rail terminal blocks

- Parallel connection of two jumper bars possible -> double jumpering

- Potential distributions are possible on one or both sides

$$I_{\max} = \sum I_n \leq \sum I_{N\text{block}}$$



0344 Ex II 2GD IM2

Ex e I/II

EN 60 947-7-1:2002

UL ratings

CSA ratings

KEMA 01 ATEX 2087 U EN 60079-0/EN 60079-7

Width Rated cross section

Approvals

### WKF 16/35 PV/WKC

fine-stranded	solid/stranded	V	A
4 – 16 mm <sup>2</sup>	4 – 16 mm <sup>2</sup>	800 V/8 kV/3	76
No. 12-6 AWG		600 V	
No. 12-6 AWG		600 V	
4 – 16 mm <sup>2</sup>	4 – 16 mm <sup>2</sup>	690 V	69
12 mm			15 mm



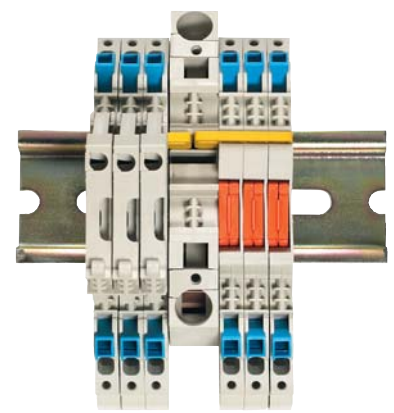
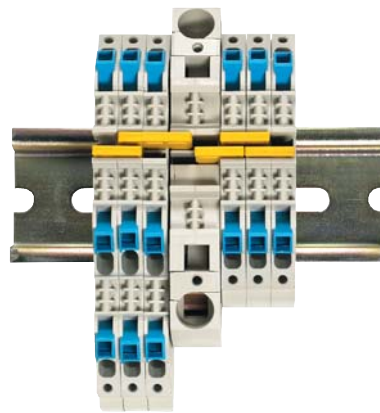
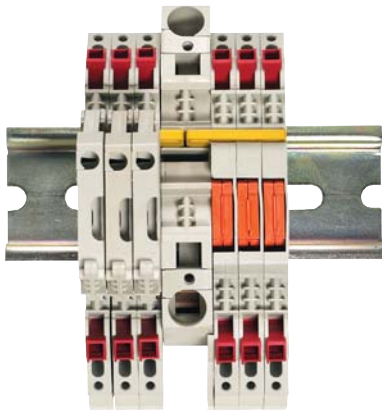
Potential distribution		
Jumpering	one side	both sides
	single	double
$I_{\max}$	40.5	40.5
$I_{N\text{block}}$	13.5	13.5
	single	double
	72	76

	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Supply block for potential distribution</b>	gray	WKF 16/35 PV/WKC	56.716.0253.0 20			
<b>Feed-through block</b>	gray			WKC 1/35	56.301.0053.0 100	
<b>Duo feed-through block</b>	gray			WKC 1 D1/2/35 <sup>1)</sup>	56.301.0053.0 100	
<b>Knife edge disconnect block</b>	gray					
<b>Disconnect block</b>	gray					
<b>Accessories</b>						
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0 1	35 x 27 x 7,5 EN 60715	98.300.0000.0 1	
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0 1	35 x 24 x 15 EN 60715	98.360.0000.0 1	
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0 100	9708/2 S 35	Z5.522.8553.0 100	
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0 100	WEF 1/35	Z5.523.9353.0 100	
3. End plate	gray			APC 1-2,5	07.312.5053.0 10	
	gray			APC 1-2,5 D1/TK	07.312.5253.0 10	
Segment end plate <sup>1)</sup>	gray			SAPC 1-2,5	07.312.7953.0 10	
4. Jumper bar,	2 pole	} depending on the output block		IVB WKF 2,5-2	Z7.280.6227.0 10	
insulated	3 pole			IVB WKF 2,5-3	Z7.280.6327.0 10	
	4 pole			IVB WKF 2,5-4	Z7.280.6427.0 10	
	5 pole			IVB WKF 2,5-5	Z7.280.6527.0 10	
	6 pole			IVB WKF 2,5-6	Z7.280.6627.0 10	
	7 pole			IVB WKF 2,5-7	Z7.280.6727.0 20	
	8 pole			IVB WKF 2,5-8	Z7.280.6827.0 20	
	9 pole			IVB WKF 2,5-9	Z7.280.6927.0 20	
	10 pole			IVB WKF 2,5-10	Z7.280.7027.0 20	
5. Cover w. warning symbol over 4 blocks			ADF 16/4 GELB	04.343.6653.8 10	ADC 1 GELB	04.344.0153.8 10
6. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0 10	WK 2,5 ST 2/2,3	Z5.553.2921.0 10	
7. Screw driver, uninsulated		DIN 5264 B 1 x 5,5	06.502.4200.0 5	DIN 5264 B 0,6 x 3,5	06.502.4000.0 5	
Marking accessories also see page 326-327						

<sup>1)</sup> If these blocks are latched onto a supply block with the open side, a segment end plate SAPC 1-2,5 must be used. The jumpering is possible without loss of spacing.

# Supply blocks for potential distribution

# taris



Potential distribution		
	$I_n$ $I_{max}$	$I_n$ $I_{max}$ $I_n$
Jumpering	one side	both sides
	single double	single double
$I_{max}$	40.5 40.5	72 76
$I_{Nblock}$	13.5* 13.5*	13.5* 13.5*

Potential distribution		
	$I_n$ $I_{max}$	$I_n$ $I_{max}$ $I_n$
Jumpering	one side	both sides
	single double	single doublet
$I_{max}$	64 72	76 76
$I_{Nblock}$	24 24	24 24

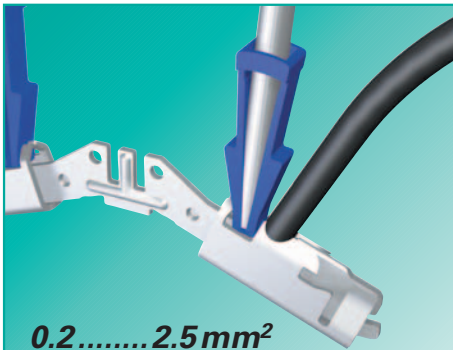
Potential distribution		
	$I_n$ $I_{max}$	$I_n$ $I_{max}$ $I_n$
Jumpering	one side	both sides
	single double	single double
$I_{max}$	64 72	76 76
$I_{Nblock}$	20* 20*	20* 20*

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
			WKC 2,5/35	56.303.0053.0	100			
			WKC 2,5 D1/2/35 <sup>1)</sup>	56.303.5053.0	50			
WKC 1 TKM/35 <sup>1)</sup>	56.301.2053.0	50				WKC 2,5 TKM/35 <sup>1)</sup>	56.303.2053.0	50
WKC 1 TKG/35 <sup>1)</sup>	56.301.4053.0	50				WKC 2,5 TKG/35 <sup>1)</sup>	56.303.4053.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
			APC 1-2,5	07.312.5053.0	10	APC 1-2,5	07.312.5053.0	10
APC 1-2,5 D1/TK	07.312.5253.0	10	APC 1-2,5 D1/TK	07.312.5253.0	10	APC 1-2,5 D1/TK	07.312.5253.0	10
SAPC 1-2,5	07.312.7953.0	10	SAPC 1-2,5	07.312.7953.0	10	SAPC 1-2,5	07.312.7953.0	10
IVB WKF 4-2	Z7.261.1227.0	10	IVB WKF 4-2	Z7.261.1227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
IVB WKF 4-3	Z7.261.1327.0	10	IVB WKF 4-3	Z7.261.1327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
IVB WKF 4-4	Z7.261.1427.0	10	IVB WKF 4-4	Z7.261.1427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
IVB WKF 4-5	Z7.261.1527.0	10	IVB WKF 4-5	Z7.261.1527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
IVB WKF 4-6	Z7.261.1627.0	10	IVB WKF 4-6	Z7.261.1627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
IVB WKF 4-7	Z7.261.1727.0	20	IVB WKF 4-7	Z7.261.1727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
IVB WKF 4-8	Z7.261.1827.0	20	IVB WKF 4-8	Z7.261.1827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
IVB WKF 4-9	Z7.261.1927.0	20	IVB WKF 4-9	Z7.261.1927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
IVB WKF 4-10	Z7.261.2027.0	20	IVB WKF 4-10	Z7.261.2027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10	ADC 2,5 GELB	04.344.0353.8	10
WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5

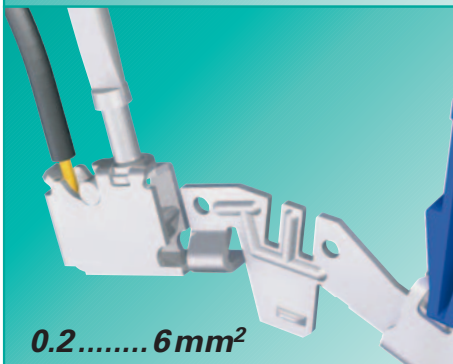
<sup>\*)</sup> For disconnect blocks with a fuse disconnect lever, the rated current is determined by the integrated fuse. (see page 297)

# Hybrid DIN rail terminal blocks with IDC and screw technology, type WKC...S/C

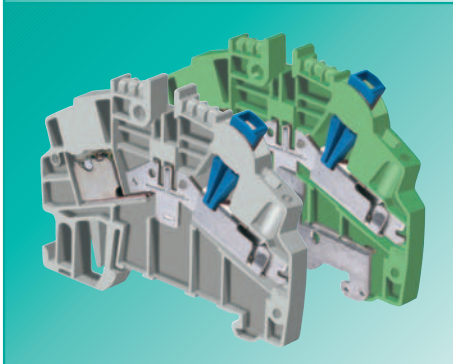
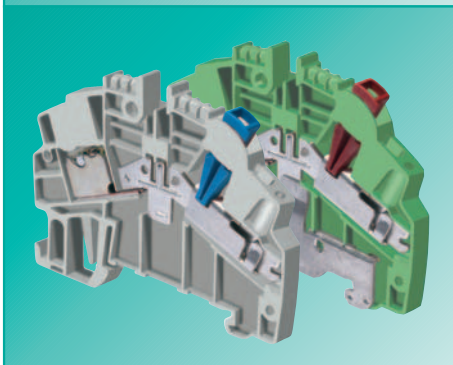
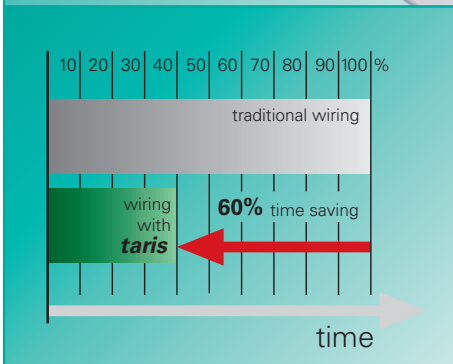
## taris HYBRID



0.2.....2.5 mm<sup>2</sup>



0.2.....6 mm<sup>2</sup>



With **taris** HYBRID all the benefits of using IDC technology can be realized for factory wiring. In the same block, the field side can be terminated with familiar screw technology.

**taris** HYBRID offers...

... for factory wiring

IDC technology

**User-friendly**

**Reduced wiring times**

**Compact design**

**Screwdriver guide**

... for field wiring

Screw technology

**TOP entry system**

**Wide range of conductor types**

Terminal variations

**Application advantages**

→ **No special tools required**

→ **No stripping necessary**

→ **Reduces panel space**

→ **Indicates open or closed state of the contact**

→ **Well known termination technology**

→ **Wire and screwdriver entry in same plane**

→ **Ease of wiring in small confined spaces**

**Use of any conductor insulation type**

→ Feed-through and ground

→ Identification in the type description

**C** = IDC technology

**S** = screw connection

→ Indication of the position

**WKC 1...** Red indicator

**WKC 2.5...** Blue indicator

**WKC 1 S/C..**

solid/stranded copper

stranded copper

solid copper

stranded copper with ferrules

torque specification

→ Connection and wire gauge

**C** = 0.2 – 1 mm<sup>2</sup> / AWG 24-18

**S** = 0.5 – 2.5 mm<sup>2</sup> / AWG 22-12

**S** = 0.5 – 4 mm<sup>2</sup> / AWG 22-12

**S** = 0.5 – 2.5 mm<sup>2</sup> / AWG 22-12

**S** = 0.4 – 0.6 Nm (M2.5)

**WKC 2,5 S/C..**

solid/stranded copper

stranded copper

solid copper

stranded copper with ferrules

torque specification

→ Connection and wire gauge

**C** = 1 – 2.5 mm<sup>2</sup> / AWG 16-14

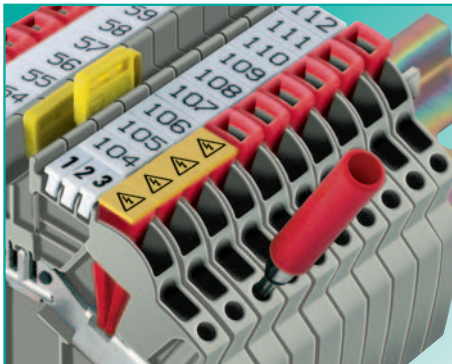
**S** = 0.5 – 4 mm<sup>2</sup> / AWG 22-10

**S** = 0.5 – 6 mm<sup>2</sup> / AWG 22-10

**S** = 0.5 – 4 mm<sup>2</sup> / AWG 22-10

**S** = 0.5 – 0.7 Nm (M3)

# Hybrid DIN rail terminal blocks with IDC and screw technology, type *WKC...S/C*



## Test plug

- taris** provides built-in test points for all its blocks, therefore measurements can be performed without having to remove the wiring.
- Entry guides on each side of the terminal blocks allow measurement with standard  $\varnothing$  2.3 mm **test probes and test plugs** for maintenance and troubleshooting.

## Cross connection

- Insulated cross connectors IVB WKF... are fully protected against accidental contact.
- Partition plates are therefore not required between adjacent jumper bars
- The cross connectors IVB WKF... carry the same rated current as the jumpered block
- Flexible potential distribution through staggered and chain arrangement of the cross connectors in 3 jumpering channels per block

## Marking capability

- Single marking tags
- Marking tag strips (10 tags per strip) to rapidly identify the blocks and circuitry
- Tear-off marking strip for marking up to 3 digits per terminal block
- Marking facility is down the center so that the marking tag is not covered by the conductor.

## Cover with warning symbol

- Cover with warning symbol **ADC** to snap on to blocks which remain live after the mains have been switched off (VDE 0113)
- Cover can only be removed with a screwdriver

## DQS certificates for all products

- Quality standard as per DIN ISO 9001
- in Development, Production, Assembly
- Continued control of the quality standard by means of regular internal and external quality audits
- Compatible with certificates of other countries:
  - BSI Certificate, Great Britain
  - SQS Certificate, Switzerland
  - Aib-Vincotte Certificate, Belgium
  - ÖQS Certificate, Austria

## Modular test plug

- The modular test plug enables tests and measurements to be performed in the jumpering channel. The modular design in 5 and 6 mm spacing with blank modules for jumpered blocks and the jumpering option of the test plug itself enable individual test configuration and quick final testing during manufacturing.

## Materials

### Metal parts:

Special alloys enable low feed-through resistance and provide a gas-tight contact area:

Clamping body: tin-plated copper

Busbar: tin-plated copper

Mounting foot: tin-plated brass

### Insulating material:

Polyamide has excellent electrical, chemical and mechanical characteristics.

Insulating housings: Polyamide 66/6

Tracking resistance: CTI 600

Flammability class: UL 94-V0

(also see section **facts & DATA**)

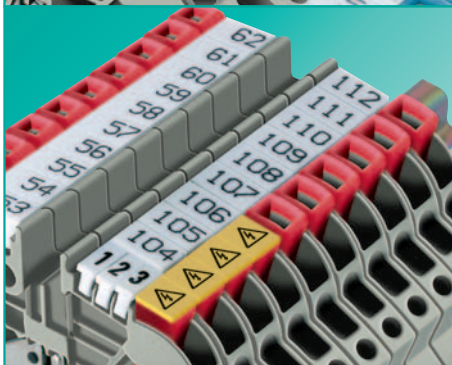
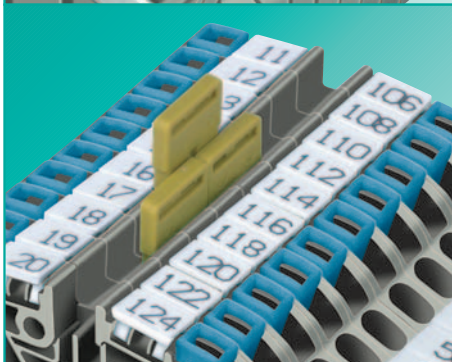
Our **wieplan** software helps to plan your own terminal block assembly (see page 36/37).

## Note

The information regarding cross-sectional areas and connection types pertains to wires without ferrules. Ferrules are not necessary for secure connection.

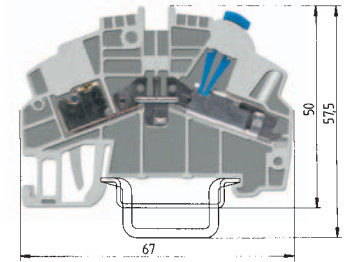
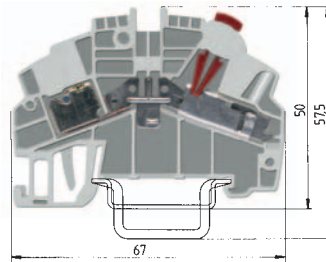
The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to. For this purpose, **Wieland** offers a large selection of appropriate accessories.

A detailed description of technical data, the standards requirements, and the application conditions can be found in catalog section **facts & DATA**.



# Hybrid feed-through blocks with IDC and spring clamp connection, type WKC...F/C

## taris HYBRID



Termination point "S" = screw technology  
Termination point "C" = IDC technology

### WKC 1 S/C/35

fine-stranded	solid	V	A
0.21 – 1 mm <sup>2</sup>	0.21 – 1 mm <sup>2</sup>	800 V/8 kV/3	13.5
0.5 – 2.5 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	800 V/8 kV/3	13.5
No. 24-18 AWG		600 V	13
No. 22-12 AWG		600 V	13

### WKC 2,5 S/C/35

fine-stranded	solid	V	A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	800 V/8 kV/3	24
0.5 – 4 mm <sup>2</sup>	0.5 – 6 mm <sup>2</sup>	800 V/8 kV/3	24
No. 22-12 AWG		600 V	20
No. 22-10 AWG		600 V	20

EN 60 947-7-1 **IDC**  
EN 60 947-7-1 **Screw**  
UL ratings  
CSA ratings  
KEMA ... ATEX ...  
Width  
Approvals

Rated cross section

5 mm

10 mm

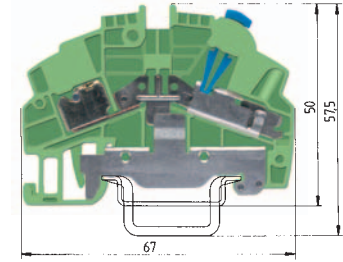
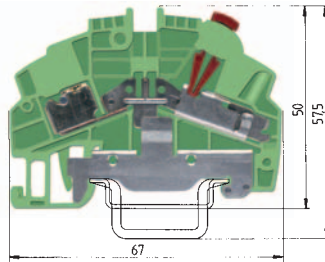
6 mm

10 mm



	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Feed-through block</b> gray	WKC 1 S/C/35	56.351.0053.0	100	WKC 2,5 S/C/35	56.353.0053.0	100
<b>Feed-through block</b> blue	WKC 1 S/C/35 BLAU	56.351.0053.6	100	WKC 2,5 S/C/35	56.353.0053.6	100
<b>Ground block</b> green/yellow						
<b>Accessories</b>						
1. Mounting rail 35, 7.5 mm high L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw 8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless 8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate 1.5 mm wide gray	APC 1-2,5	07.312.5053.0	10	APC 1-2,5	07.312.5053.0	10
1.5 mm wide blue	APC 1-2,5 BLAU	07.312.5053.6	10	APC 1-2,5 BLAU	07.312.5053.6	10
1.5 mm wide green						
4. Partition plate 1.5 mm wide gray	TWC 1-2,5	07.312.5153.0	10	TWC 1-2,5	07.312.5153.0	10
1.5 mm wide blue	TWC 1-2,5 BLAU	07.312.5153.6	10	TWC 1-2,5 BLAU	07.312.5153.6	10
5. Jumper bar, 2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
insulated 3 pole	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
4 pole	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
6 pole	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
7 pole	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
8 pole	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
9 pole	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
10 pole	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
6. Cover w. warning symbol over 4 blocks						
Termination point "C"	ADC 1/4 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10
Termination point "S"	ADF 2,5/4 GELB	04.343.6053.8	10	ADF 4/4 GELB	04.343.6153.8	10
7. Test plug	WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection	PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks		01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing	ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
Screw driver, uninsulated, MINI	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10
Marking accessories also see page 326-327						

# Hybrid feed-through blocks with IDC and spring clamp connection, type WKC...F/C



Termination point "S" = screw technology  
Termination point "C" = IDC technology

EN 60 947-7-1 **IDC**  
EN 60 947-7-1 **Screw**  
UL ratings  
CSA ratings  
KEMA ... ATEX ...  
Width  
Approvals

Rated cross section

## WKC 1 S/C/SL/35

fine-stranded	solid	V	A
0.21 – 1 mm <sup>2</sup>	0.21 – 1 mm <sup>2</sup>	800 V/8 kV/3	13.5
0.5 – 2.5 mm <sup>2</sup>	0.5 – 4 mm <sup>2</sup>	800 V/8 kV/3	13.5
No. 24-18 AWG			
No. 22-12 AWG			

5 mm



10 mm

## WKC 2,5 S/C/SL/35

fine-stranded	solid	V	A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	800 V/8 kV/3	24
0.5 – 4 mm <sup>2</sup>	0.5 – 6 mm <sup>2</sup>	800 V/8 kV/3	24
No. 22-12 AWG			
No. 22-10 AWG			

6 mm

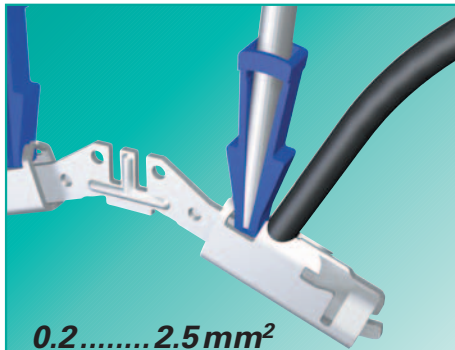


10 mm

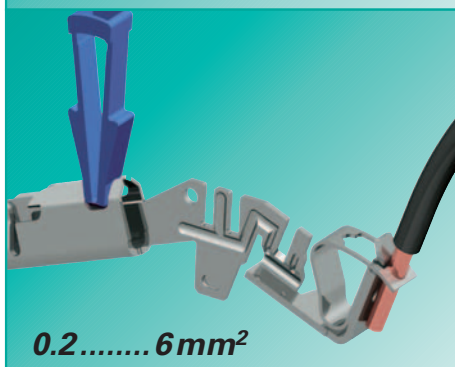
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Feed-through block</b>	gray						
<b>Feed-through block</b>	blue						
<b>Ground block</b>	green/yellow	WKC 1 S/C/SL/35	56.351.9053.0	100	WKC 2,5 S/C/SL/35	56.353.9053.0	100
<b>Accessories</b>							
1. Mounting rail 35, 7,5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	1.5 mm wide						
	1.5 mm wide						
	1.5 mm wide	APC 1-2,5 GRÜN	07.312.5053.7	10	APC 1-2,5 GRÜN	07.312.5053.7	10
4. Partition plate	1.5 mm wide						
	1.5 mm wide						
5. Jumper bar,	2 pole						
insulated	3 pole						
	4 pole						
	5 pole						
	6 pole						
	7 pole						
	8 pole						
	9 pole						
	10 pole						
6. Cover w. warning symbol over 4 blocks							
	Termination point "C"	ADC 1/4 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10
	Termination point "S"	ADF 2,5/4 GELB	04.343.6053.8	10	ADF 4/4 GELB	04.343.6153.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
Screw driver, uninsulated, MINI		DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10

# Hybrid feed-through terminals with IDC and spring clamp connection, type *WKC...F/C*

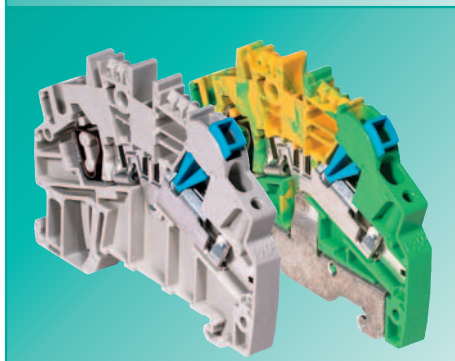
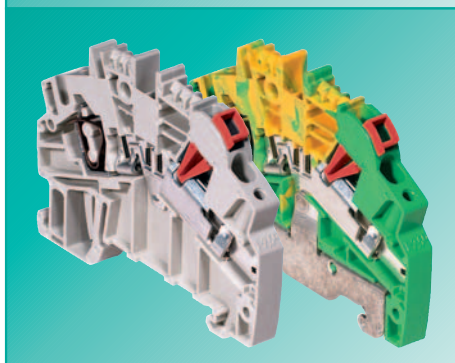
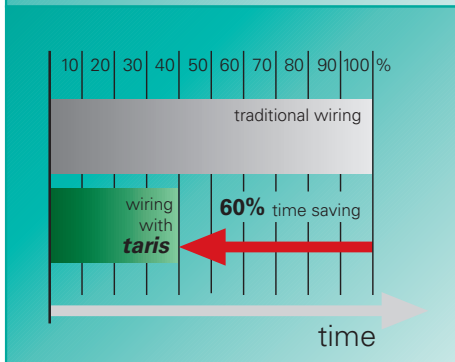
## *taris* HYBRID



0.2.....2.5 mm<sup>2</sup>



0.2.....6 mm<sup>2</sup>



With *taris* HYBRID all the benefits of using IDC technology can be realized for factory wiring. In the same block, the field side can be terminated with familiar screw technology.

*taris* HYBRID offers...

... for factory wiring

**IDC technology**

**User-friendly**

**Reduced wiring times**

**Compact design**

**Screwdriver guide**

... for field wiring

**Spring clamp connection technology**

**TOP entry system**

**Wide range of conductor types**

**Terminal variations**

**Application advantages**

→ **No special tools required**

→ **No stripping necessary**

→ **Reduces panel space**

→ **Indicates open or closed state of the contact**

→ **Universally known and accepted connection technique**

→ **Clear wiring in difficult** and confined wiring applications

→ **No restriction of the conductors with regard** to the selected insulating material

→ Feed-through and ground

→ Identification in the type description

**C** = IDC technology

**F** = spring clamp connection

→ Indication of the position

**WKC 1...** red indicator

**WKC 2,5...** blue indicator

**WKC 1 F/C..**

solid or fine-stranded copper conductor

fine-stranded copper conductor

solid copper conductor

fine-stranded copper conductor with ferrule

→ Termination points

**C** = 0.2 – 1 mm<sup>2</sup> / AWG 24-18

**F** = 0.13 – 4 mm<sup>2</sup> / AWG 22-10

**F** = 0.13 – 6 mm<sup>2</sup> / AWG 22-10

**F** = 0.13 – 4 mm<sup>2</sup> / AWG 22-10

**WKC 2,5 F/C..**

solid or fine-stranded copper conductor

fine-stranded copper conductor

solid copper conductor

fine-stranded copper conductor with ferrule

→ Termination points

**C** = 1 – 2.5 mm<sup>2</sup> / AWG 16-14

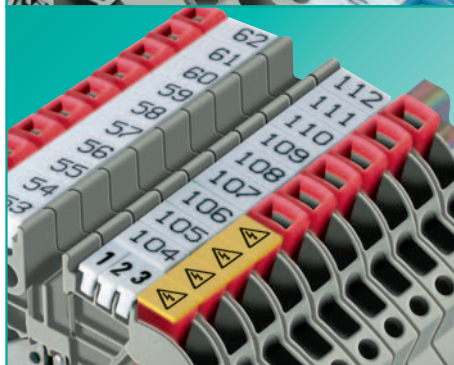
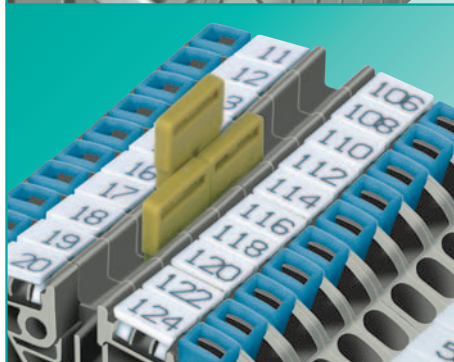
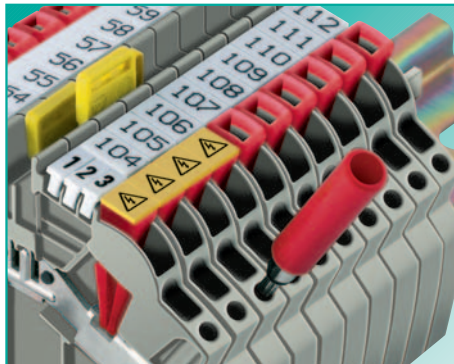
**F** = 0.13 – 4 mm<sup>2</sup> / AWG 22-10

**F** = 0.13 – 6 mm<sup>2</sup> / AWG 22-10

**F** = 0.13 – 4 mm<sup>2</sup> / AWG 22-10

# Hybrid feed-through terminals with IDC and spring clamp connection, type *WKC...F/C*

*taris*



## Test plug

- taris** provides built-in test points for all its blocks, therefore measurements can be performed without having to remove the wiring.
- Entry guides on each side of the terminal blocks allow measurement with standard Ø 2.3 mm **test probes and test plugs** for maintenance and troubleshooting.

## Cross connection

- Insulated cross connectors IVB WKF... are fully protected against accidental contact.
- Partition plates are therefore not required between adjacent jumper bars
- The cross connectors IVB WKF... carry the same rated current as the jumpered block
- Flexible potential distribution through staggered and chain arrangement of the cross connectors in 3 jumpering channels per block

## Marking capability

- Single marking tags
- Marking tag strips (10 tags per strip) to rapidly identify the blocks and circuitry
- Tear-off marking strip for marking up to 3 digits per terminal block
- Marking facility is down the center so that the marking tag is not covered by the conductor.

## Cover with warning symbol

- Cover with warning symbol **ADC** to snap on to blocks which remain live after the mains have been switched off (VDE 0113)
- Cover can only be removed with a screwdriver

## DQS certificates for all products

- Quality standard as per DIN ISO 9001
- in Development, Production, Assembly
- Continued control of the quality standard by means of regular internal and external quality audits
- Compatible with certificates of other countries:
  - BSI Certificate, Great Britain
  - SQS Certificate, Switzerland
  - Aib-Vincotte Certificate, Belgium
  - ÖQS Certificate, Austria

## Modular test plug

- The modular test plug enables tests and measurements to be performed in the jumpering channel. The modular design in 5 and 6 mm spacing with blank modules for jumpered blocks and the jumpering option of the test plug itself enable individual test configuration and quick final testing during manufacturing.

## Materials

### Metal parts:

Special alloys enable low feed-through resistance and provide a gas-tight contact area:

Clamping body: tin-plated copper

Busbar: tin-plated copper

Mounting foot: tin-plated brass

### Insulating material:

Polyamide has excellent electrical, chemical and mechanical characteristics.

Insulating housings: Polyamide 66/6

Tracking resistance: CTI 600

Flammability class: UL 94-V0

(also see section **facts & DATA**)

Our **wieplan** software helps to plan your own terminal block assembly (see page 36/37).

## Note

The information regarding cross-sectional areas and connection types pertains to wires without ferrules. Ferrules are not necessary for secure connection.

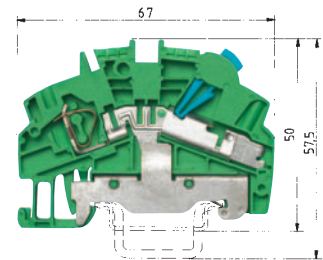
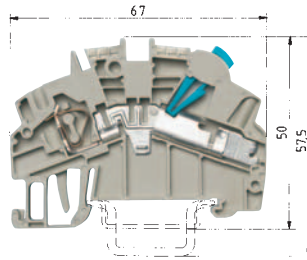
The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to. For this purpose, **Wieland** offers a large selection of appropriate accessories.

A detailed description of technical data, the standards requirements, and the application conditions can be found in catalog section **facts & DATA**.



# Hybrid feed-through blocks with IDC and spring clamp connection, type *WKC...F/C*

**taris** HYBRID



Termination point "F" = spring clamp connection  
Termination point "C" = IDC technology

## WKC 2,5 F/C/35

fine-stranded	solid	V	A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	800 V/8 kV/3	24
0.13 – 4 mm <sup>2</sup>	0.13 – 6 mm <sup>2</sup>	800 V/8 kV/3	24

## WKC 2,5 F/C/SL/35

fine-stranded	solid	V	A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	800 V/8 kV/3	24
0.13 – 4 mm <sup>2</sup>	0.13 – 6 mm <sup>2</sup>	800 V/8 kV/3	24

EN 60 947-7-1 **IDC**  
EN 60 947-7-1 **Spring**  
UL ratings  
CSA ratings  
KEMA ... ATEX ...  
Width  
Approvals

Rated cross section

6 mm



11 mm

6 mm



11 mm

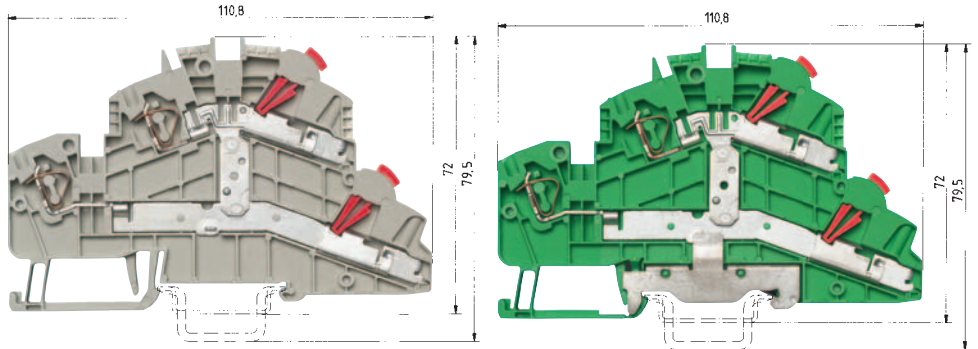
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
<b>Feed-through block</b>	gray	WKC 2,5 F/C/35	56.333.0053.0	100			
<b>Feed-through block</b>	blue	WKC 2,5 F/C/35 BLAU	56.333.0053.6	100			
<b>Ground block</b>	green/yellow				WKC 2,5 F/C/SL/35	56.333.9053.0	100
<b>Accessories</b>							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
3. End plate	1.5 mm wide	gray	APC 1-2,5	07.312.5053.0	10		
	1.5 mm wide	blue	APC 1-2,5 BLAU	07.312.5053.6	10		
	1.5 mm wide	green			APC 1-2,5 GRÜN	07.312.5053.7	10
4. Partition plate	1.5 mm wide	gray	TWC 1-2,5	07.312.5153.0	10		
	1.5 mm wide	blue	TWC 1-2,5 BLAU	07.312.5153.6	10		
5. Jumper bar,	2 pole	IVB WKF 4-2	Z7.261.1227.0	10			
insulated	3 pole	IVB WKF 4-3	Z7.261.1327.0	10			
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10			
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10			
	6 pole	IVB WKF 4-6	Z7.261.1627.0	10			
	7 pole	IVB WKF 4-7	Z7.261.1727.0	20			
	8 pole	IVB WKF 4-8	Z7.261.1827.0	20			
	9 pole	IVB WKF 4-9	Z7.261.1927.0	20			
	10 pole	IVB WKF 4-10	Z7.261.2027.0	20			
6. Cover w. warning symbol over 4 blocks							
	Termination point "C"	ADC 2,5 GELB	04.344.0353.8	10	ADC 2,5 GELB	04.344.0353.8	10
	Termination point "F"	ADF 4/4 GELB	04.343.6153.8	10	ADF 4/4 GELB	04.343.6153.8	10
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
Screw driver, uninsulated, MINI		DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10
Marking accessories also see page 326-327							

# Hybrid feed-through blocks with IDC and spring clamp connection, type **WKC...F/C**

Variation "E" = 2 independent line feed-throughs

Variation "D2" = Both line feed-throughs are combined in one potential

Termination point "F" = spring clamp connection  
Termination point "C" = IDC technology



## WKC 1 E/F/C/35

### WKC 1 D2F/2C/35

fine-stranded	solid	V	A
0.21 – 1 mm <sup>2</sup>	0.21 – 1 mm <sup>2</sup>	500 V/6 kV/3	24
0.13 – 4 mm <sup>2</sup>	0.13 – 6 mm <sup>2</sup>	500 V/6 kV/3	24

## WKC 1 D2F/2C/SL/35

fine-stranded	solid	V	A
1 – 2.5 mm <sup>2</sup>	1 – 2.5 mm <sup>2</sup>	500 V/6 kV/3	
0.13 – 4 mm <sup>2</sup>	0.13 – 6 mm <sup>2</sup>	500 V/6 kV/3	

EN 60 947-7-1 **IDC**  
EN 60 947-7-1 **Spring**  
UL ratings  
CSA ratings  
KEMA ... ATEX ...  
Width  
Approvals

Rated cross section

6 mm



11 mm

6 mm

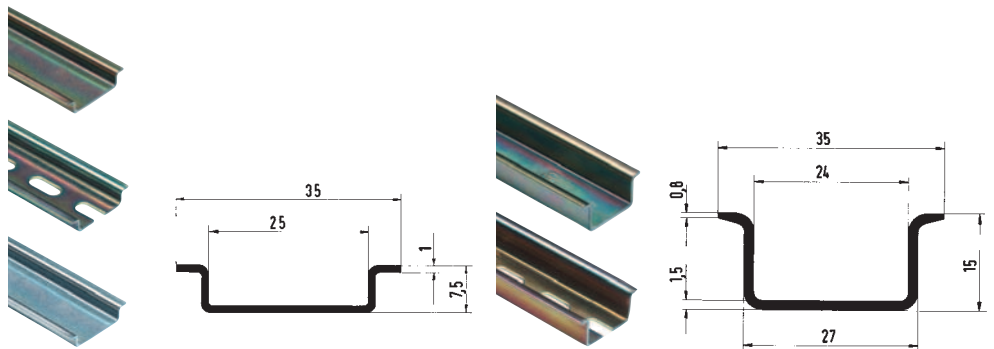


11 mm

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	
<b>Multi-tier block</b>	gray	WKC 1 E/F/C/35	56.331.7053.0	50				
<b>Feed-through block</b>	gray	WKC 1 D2F/2C/35	56.331.5153.0	50				
<b>Feed-through block</b>	blue	WKC 1 D2F/2C/35 BLAU	56.331.5153.6	50				
<b>Ground block</b>	green/yellow				WKC 1 D2F/2C/SL/35	56.331.9153.0	50	
<b>Accessories</b>								
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	50	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	
2. End clamp for TS 35, with screw	8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100	
End clamp for TS 35, screwless	8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100	
3. End plate	1.5 mm wide	gray	APC 1-2,5 D2/E/F/C	07.312.6553.0	10			
	1.5 mm wide	blue	APC 1-2,5 D2/E/F/C BLAU	07.312.6553.6	10			
	1.5 mm wide	green				APC 1-2,5 D2/E/F/C GRÜN	07.312.6553.7	10
4. Partition plate	1.5 mm wide	gray	TWC 1-2,5 D2/E/F/C	07.312.6653.0	10			
	1.5 mm wide	blue	TWC 1-2,5 D2/E/F/C BLAU	07.312.6653.6	10			
5. Jumper bar,	2 pole	IVB WKF 4-2	Z7.261.1227.0	10				
insulated	3 pole	IVB WKF 4-3	Z7.261.1327.0	10				
	4 pole	IVB WKF 4-4	Z7.261.1427.0	10				
	5 pole	IVB WKF 4-5	Z7.261.1527.0	10				
	6 pole	IVB WKF 4-6	Z7.261.1627.0	10				
	7 pole	IVB WKF 4-7	Z7.261.1727.0	20				
	8 pole	IVB WKF 4-8	Z7.261.1827.0	20				
	9 pole	IVB WKF 4-9	Z7.261.1927.0	20				
	10 pole	IVB WKF 4-10	Z7.261.2027.0	20				
6. Cover w. warning symbol over 4 blocks								
	Termination point "C"	ADC 2,5 GELB	04.344.0353.8	10	ADC 2,5 GELB	04.344.0353.8	10	
	Termination point "F"	ADF 4/4 GELB	04.343.6153.8	10	ADF 4/4 GELB	04.343.6153.8	10	
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10	
8. Modular test plug with spring clamp connection		PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10	
Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	10	
End/intermediate plate for 6 mm spacing		ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10	
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	
Screw driver, uninsulated, MINI		DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10	

# Accessories

## DIN rail terminal blocks with IDC connection, type WKC

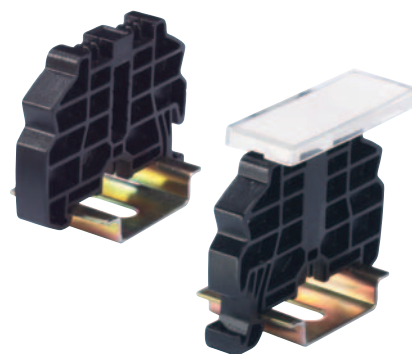
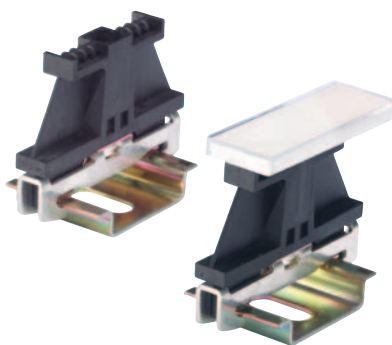
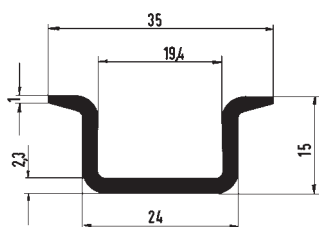
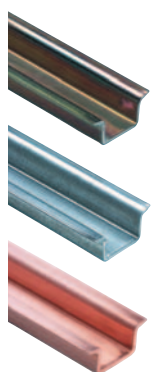


**Mounting rail 35 x 7,5**  
according to DIN EN 60715

**Mounting rail 35 x 15**  
according to DIN EN 60715

Mounting rail	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
1. Steel, galv. zinc-plated, dichromated, unslotted L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	1
Steel, galv. zinc-plated, dichromated, slotted L = 2 m	35 x 27 x 7,5 EN 60715 slotted	98.300.1000.0	1	35 x 27 x 15 EN 60715	98.370.1000.0	1
2. Steel, unplated unslotted L = 2 m	35 x 27 x 7,5 EN 60715 unslotted	98.300.0010.0	1			
Steel, unplated slotted L = 2 m						
3. Steel, high-temp. zinc-plated unslotted L = 2 m						
Steel, high-temp. zinc-plated slotted L = 2 m						
4. E copper unslotted L = 2 m						
E copper slotted L = 2 m						
<b>End clamp</b>						
5. End clamp with screw for 35 mm rail 8 mm wide						
6. End clamp with screw for 35 mm rail						
with marking plate 8/17.5 mm wide						
for block rails						
7. End clamp, screwless, for 35 mm rail 8 mm wide						
8. End clamp, screwless, for 35 mm rail						
with marking plate 8/17.5 mm wide						
for block rails						
9. Bus bar holder, screwless 8 mm wide						
Busbar support, including tag 8 mm						
10. Clamping screw for mounting rail						
11. Optional label carrier						
12. Paper markers in perforated sheet form						
(1 sheet = 100 Marking tags)						

## Accessories DIN rail terminal blocks with IDC connection, type WKC



**Mounting rail 35 x 15  
according to DIN EN 60715**

**End clamp for TS 35  
screw mount**

**End clamp for TS 35  
screwless mount**

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
35 x 27 x 15 EN 60715	98.360.0000.0	1						
35 x 27 x 15 EN 60715 ZN	98.360.0004.0	1						
35 x 27 x 15 EN 60715 CU	98.380.0000.0	10						
			9708/2 S 35	Z5.522.8553.0	100			
			9708/2 BS/35	69.920.0553.0	100			
						WEF 1/35	Z5.523.9353.0	100
						WEF 1 BS/35	69.920.1053.0	100
						WKIF SH/E/35	Z1.108.8453.0	100
							69.920.1153.0	100
							05.091.0212.0	100
						BS/R	Z4.243.8453.0	10
				04.019.0289.0	10		04.019.0289.0	10

# Test plug with spring clamp connection



**Test plug with spring clamp connection**  
for WKF/WKC terminal blocks

## PS WKC/F

fine-stranded solid V A  
0.13 - 1.5 mm<sup>2</sup> 0.13 - 1.5 mm<sup>2</sup> 400 V 2.5

## Label with handling instructions

**taris/WKC**



45° angle

## Marking tag carrier

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Single pole module				05.563.5700.0	1	For all block widths with 4/6 digits		
5 mm spacing						4 digits		
PS WKC/F	Z1.299.9753.0	10				9705 A/4	04.242.0950.0	200
Blank module for jumpered blocks	01.299.9753.0	10				6 digits		
						9705 A/6	04.242.1250.0	200
End plate and intermediate plate for 6 mm spacing								
ZP/AP PS	07.312.6053.0	10						
To achieve a 6 mm spacing, use one partition each per module						<b>Marking tag carrier</b>		
						<b>45° angle</b>		
						9705 A/4 W	04.242.2853.0	200
						2 x 4 digits, 45°, 5 mm wide		
						makes the marking legible in every block position		
The modular test plug enables testing and measurement in the jumpering channel without having to remove the jumpers.								
The modular arrangement 5 and 6 mm spacing with blank modules for jumpered blocks and the jumpering option of the test plug itself enable individual test arrangements and quick final testing in manufacturing.								
The test plugs can be marked with attached marking tags for 5 or 6 mm wide blocks.								

# Test plug with spring clamp connection

# taris



## All block widths

## 1 mm<sup>2</sup>/5 mm width

## 2.5 mm<sup>2</sup>/6 mm width

Type	Part No.	Std. Pack	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack		
<b>Single marking tag, unmarked</b>			<b>Marking strips, unmarked</b>			<b>Marking strips, unmarked</b>				
9705 A	04.242.0850.0	500	9705 A/5/10	04.242.5053.0	25	9705 A/6/10	04.242.6053.0	25		
<b>Single marking tag, marked</b>			<b>Marking strips, marked</b>			<b>Marking strips, marked</b>				
9705 AB*	04.842.0850.0	500	9705 A/5/10 B	1 - 10	04.845.0153.0	25	9705 A/6/10 B	1 - 10	04.846.0153.0	25
				11 - 20	04.845.0253.0	25		11 - 20	04.846.0253.0	25
				21 - 30	04.845.0353.0	25		21 - 30	04.846.0353.0	25
				31 - 40	04.845.0453.0	25		31 - 40	04.846.0453.0	25
				41 - 50	04.845.0553.0	25		41 - 50	04.846.0553.0	25
				51 - 60	04.845.0653.0	25		51 - 60	04.846.0653.0	25
<b>Single marking tag, unmarked with enlarged marking area</b>				61 - 70	04.845.0753.0	25		61 - 70	04.846.0753.0	25
9705 AL	04.242.1553.0	500		71 - 80	04.845.0853.0	25		71 - 80	04.846.0853.0	25
				81 - 90	04.845.0953.0	25		81 - 90	04.846.0953.0	25
<b>Single marking tag, marked for enlarged marking area</b>				91 - 100	04.845.1053.0	25		91 - 100	04.846.1053.0	25
9705 ALB*	04.842.1553.0	500		⊕ (10 x)	04.855.0053.0	25		⊕ (10 x)	04.856.0053.0	25
				± (10 x)	04.855.0153.0	25		± (10 x)	04.856.0153.0	25
				+ (10 x)	04.855.0253.0	25		+ (10 x)	04.856.0253.0	25
				- (10 x)	04.855.0353.0	25		- (10 x)	04.856.0353.0	25
				L1 (10 x)	04.855.0453.0	25		L1 (10 x)	04.856.0453.0	25
				L2 (10 x)	04.855.0553.0	25		L2 (10 x)	04.856.0553.0	25
				L3 (10 x)	04.855.0653.0	25		L3 (10 x)	04.856.0653.0	25
				PE (10 x)	04.855.0753.0	25		PE (10 x)	04.856.0753.0	25
				SL (10 x)	04.855.3153.0	25		SL (10 x)	04.856.3153.0	25
				N (10 x)	04.855.3253.0	25		N (10 x)	04.856.3253.0	25
				F1 (10 x)	04.855.0953.0	25		F1 (10 x)	04.856.0953.0	25
				F2 (10 x)	04.855.1053.0	25		F2 (10 x)	04.856.1053.0	25
				L1, L2, L3, N, PE (2 x)	04.855.0853.0	25		L1, L2, L3, N, PE (2 x)	04.856.0853.0	25
			<b>Marking plates, unmarked</b>			<b>Marking plates, unmarked</b>				
			9705 A/5/10/11	Z4.242.5053.0	10	9705 A/6/10/11	Z4.242.6053.0	10		

\* Custom marking available on request