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^2 and 2.5 mm^2

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

Technical information

- The information regarding cross sectional area and connection types pertains to unprepared wires without ferrules.
- 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 EN 50014 apply; whereas for increased safety EExe the regulations of EN 50019 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 certificating institutes named in directive ATEX 100a must follow accreditation procedures which are the same all over Europe.
- In accordance with EN 50014/50019 and ATEX 100a, these certificating 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:

Ex	Identification
II	Device group
2	Category
G D	Areas
KEMA	Name of testing institute
ATEX...	Certifcate, year of testing, number

Mounting instructions for EEx e applications

- If feed-through blocks are mounted directly adjacent to feed-through blocks of a different size, or directly adjacent to ground blocks, the open side of a group of the same type of blocks has to be covered by a partition.
- If adjacent terminal blocks are jumpered by a cross connector, the required isolation distances have to be maintained by inserting a partition between the different block groups, in front of or behind the cross-connected terminal block group.
- If the terminal blocks are mixed with other certified series and sizes and if their accessories are used, the required creepage distances and clearances must be adhered to.
- The DIN rail terminal blocks must be installed in a housing that meets the requirements of an approved protection type according to EN 50 014 sec.1.2 or EN 50 289-1. The housings must have protection degree IP54 or higher depending on the protection type selected.

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

DIN Rail Terminal Blocks

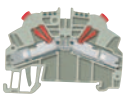
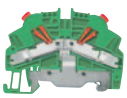
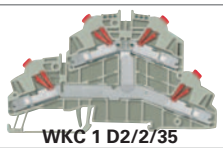
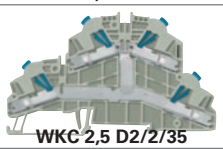
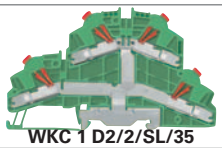
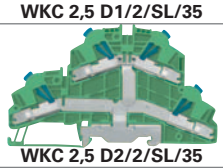
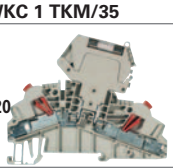
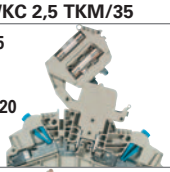
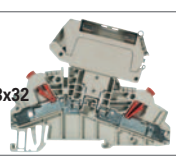
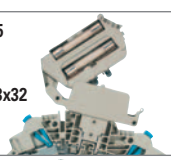
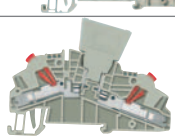
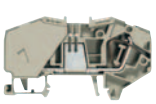
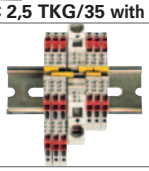
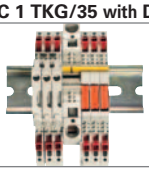
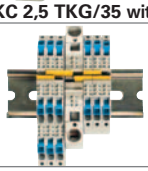
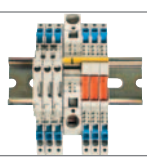
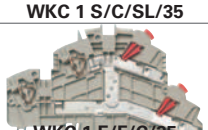
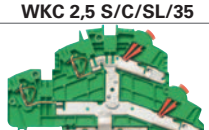
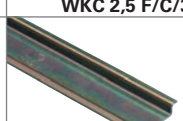
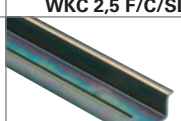
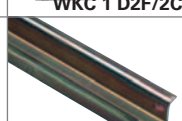
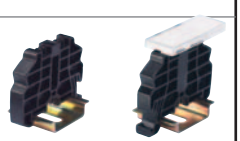
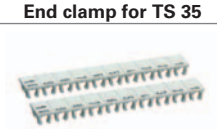
taris
IDC Connection

IDC DIN rail terminal blocks, type *WKC*

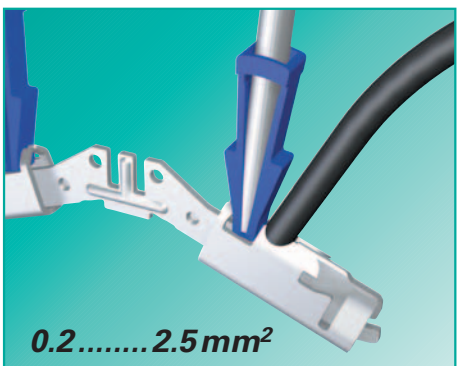
taris

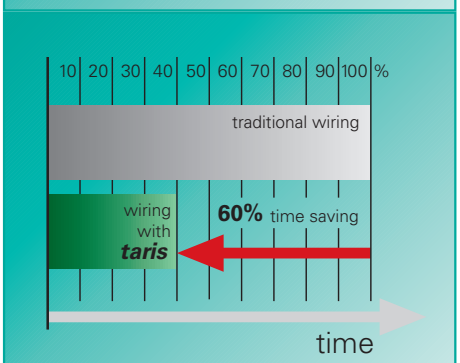
IDC DIN rail terminal blocks, type *WKC*

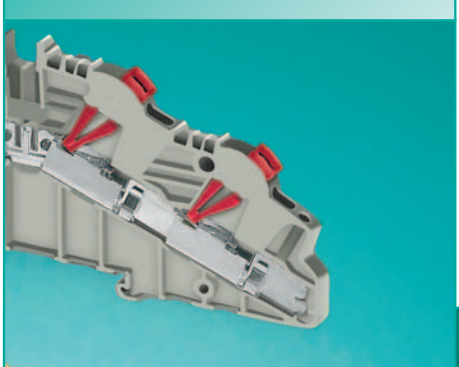
taris

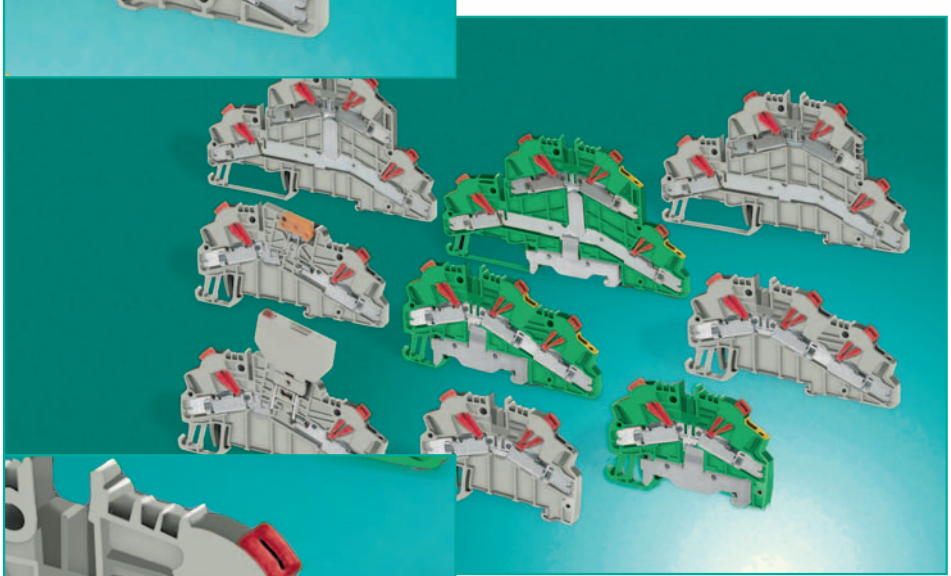
Page 300/301	 WKC 1/35	 WKC 2,5/35	 WKC 1 SL/35	 WKC 2,5 SL/35	
Page 302/303	 WKC 1 D1/2/35 WKN 150	 WKC 2,5 D1/2/35	 WKC 1 D1/2/SL/35	 WKC 2,5 D1/2/SL/35	
Page 304/305	 WKC 1 D2/2/35	 WKC 2,5 D2/2/35	 WKC 1 D2/2/SL/35	 WKC 2,5 D2/2/SL/35	
Page 306/307	 WKC 1 E/35	 WKC 2,5 E/35	 WK 6 SL	 WKC 2,5 E/35...	
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/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

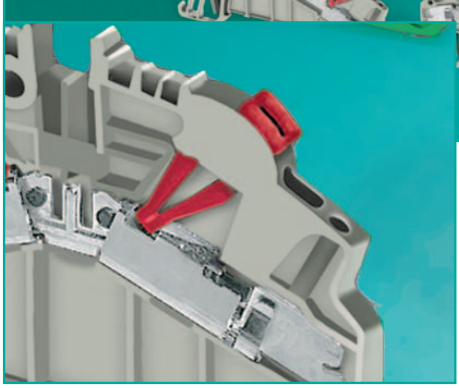
IDC DIN rail terminal blocks, type *WKC* *taris*











***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

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

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 mm² / **red***
WKC 2,5... 1.0-2.5 mm² / **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

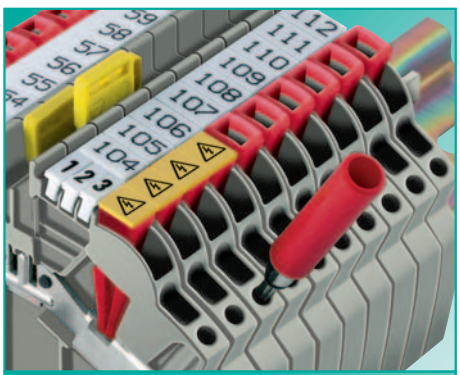
Disconnect blocks
Ground disconnect and knife edge disconnect block

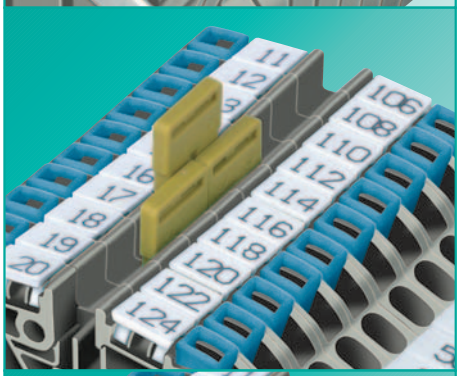
❒ Safe connection
– in accordance with EN 60352-3/4
– in accordance with EN 60947-7-1/2
means for example:

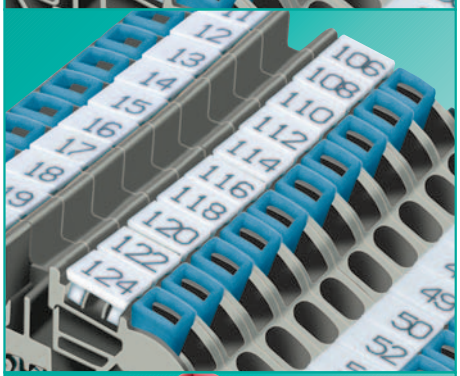
→ Multiple clampings
→ Vibration resistance
→ Use under corrosive conditions
→ Climatic resistance

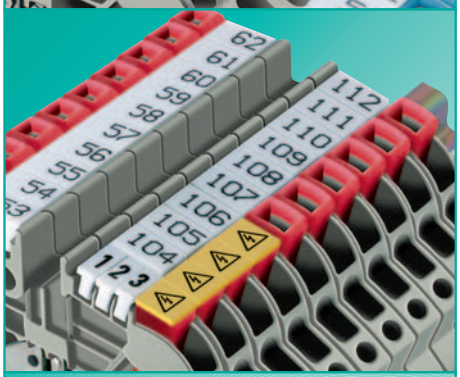
IDC DIN rail terminal blocks, type *WKC*

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 Ø 2.3 mm **test probes and test plugs** for maintenance and troubleshooting.

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.

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

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)

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

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

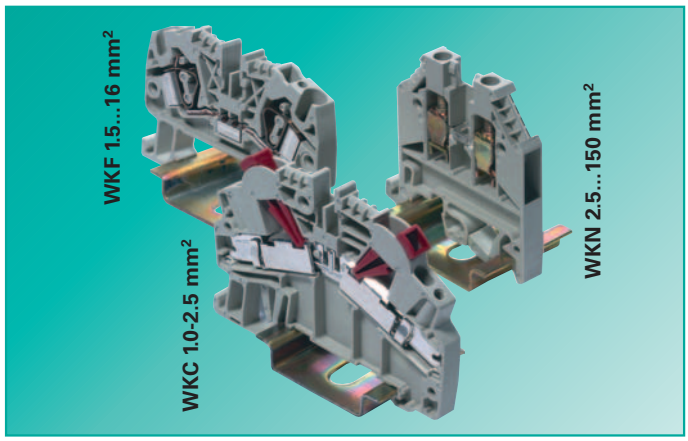
Note

The information regarding cross-sectional areas and connection types pertains to wires without ferrules. Ferrules are not neccessary 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 appropiate 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.

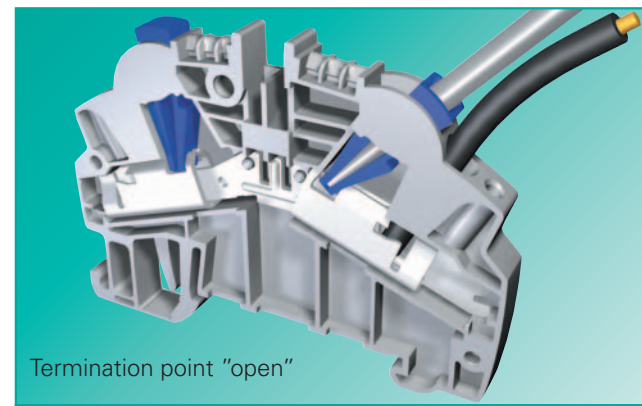
- **Simple** – The wire is ONLY cut to length, inserted into the clamping body and the termination point is operated with a standard screwdriver in a lever action-done.
- **Quick** – Time-consuming tasks for preparing the wires such as stripping the insulation and attaching ferrules are not required.
  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***.

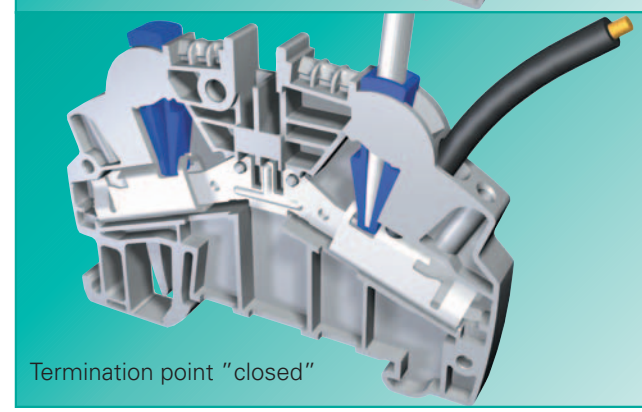
  The **position indicator** visually indicates the state of the termination point.
  The color of the indicator signifies the rated cross section of the DIN rail terminal block.

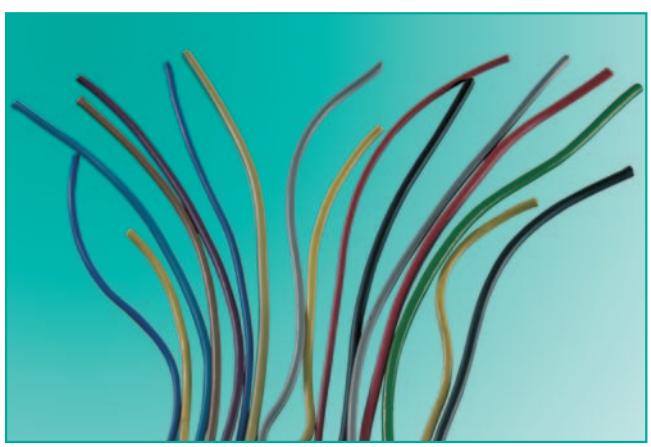
  WKC 1... 0.21 – 1.0 mm² → **red indicator**
  WKC 2,5... 1.0 – 2.5 mm² → **blue indicator**

  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.


Termination point "open"


Termination point "closed"



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

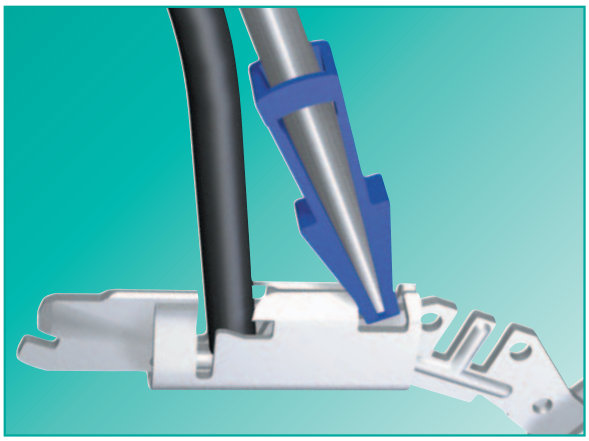
The connection

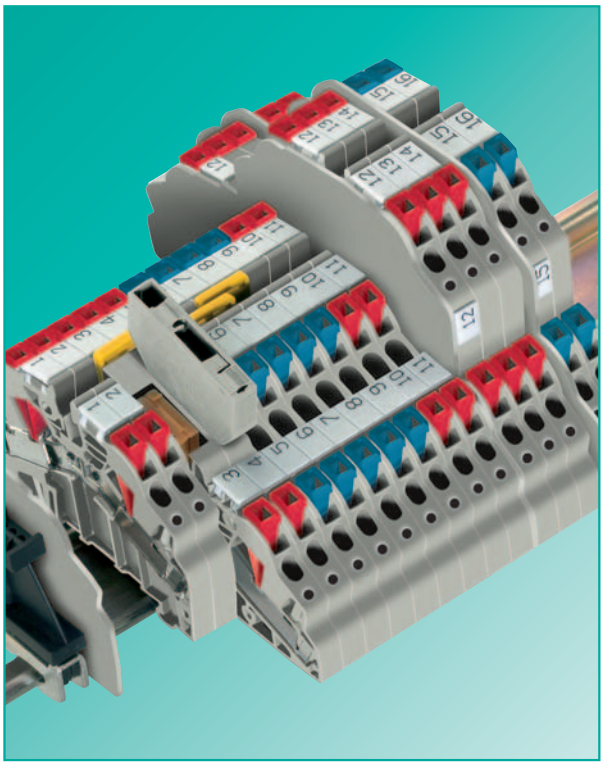
The wire is inserted through the wire entry guide of the block into the clamping body. By operating it with a standard screwdriver, the clamping body is moved and cuts the insulation of the inserted copper wire at a defined point.

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^2 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

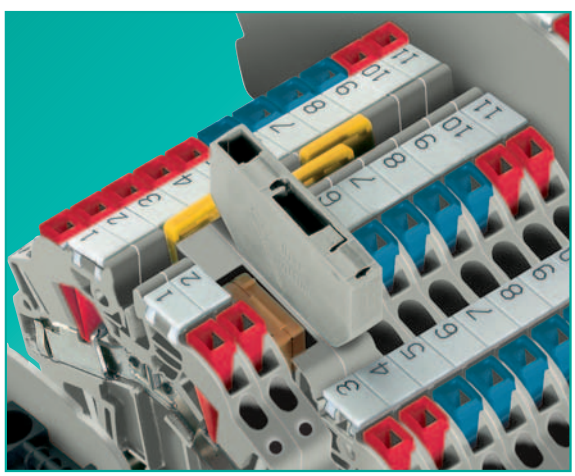
- Knife edge disconnect and disconnect blocks with diode or fuse plugs.
- Disconnect blocks can be jumpered with standard duo 1/2 terminal blocks.

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.

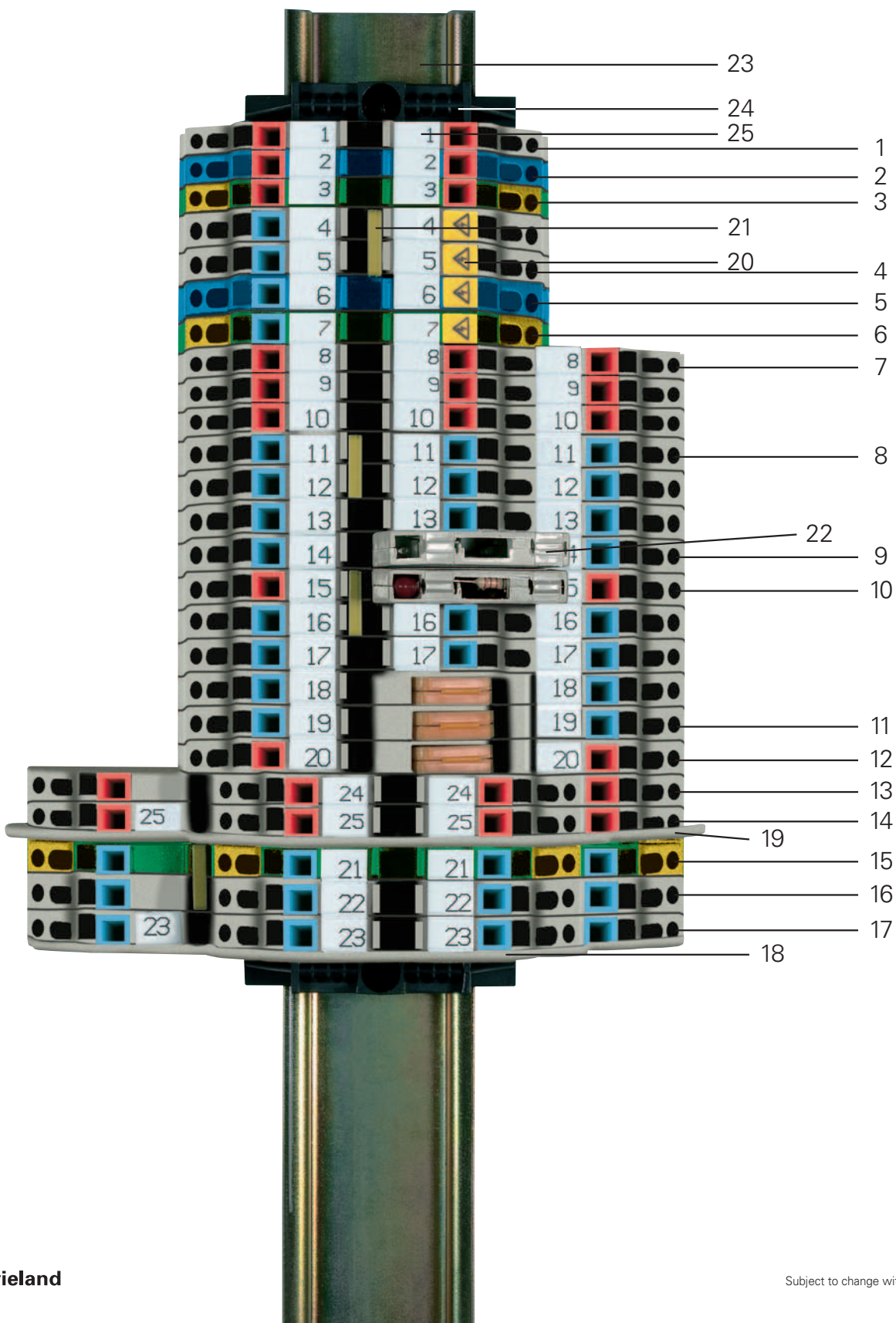
The accessories

- 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*

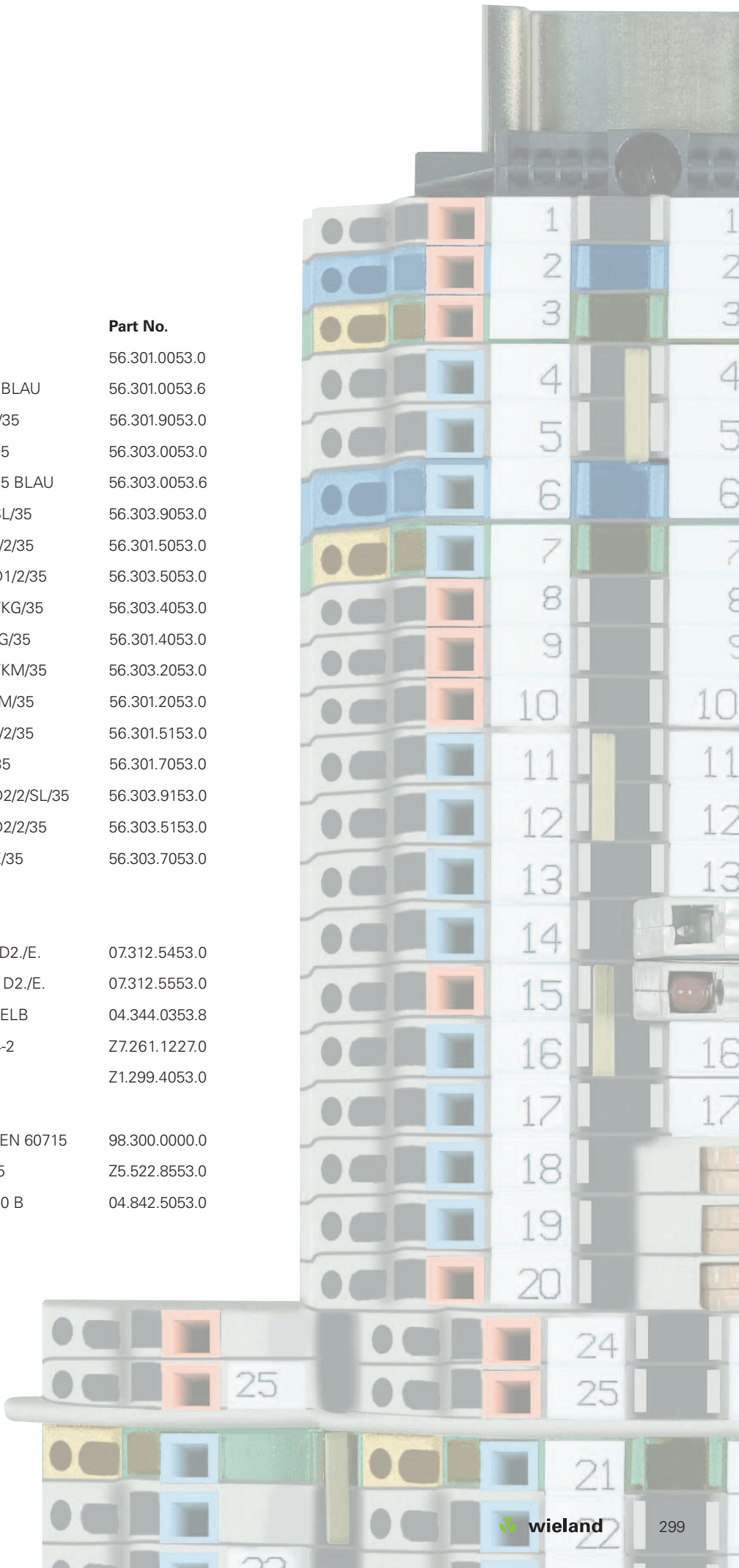
taris



taris sample rail

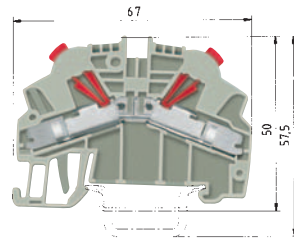
taris

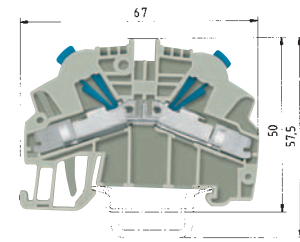
Pos.	Description	Type	Part No.
1	Feed-through block	WKC 1/35	56.301.0053.0
2	Feed-through block, blue	WKC 1/35 BLAU	56.301.0053.6
3	Ground block	WKC 1 SL/35	56.301.9053.0
4	Feed-through block	WKC 2,5/35	56.303.0053.0
5	Feed-through block, blue	WKC 2,5/35 BLAU	56.303.0053.6
6	Ground block	WKC 2,5 SL/35	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
EEx ell
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U[1] EN 50019/EN 50014
Width Rated cross section
Approvals

WKC 1/35

fine-stranded	solid	V	A
0.2 – 1 mm²	0.2 – 1 mm²	800 V/8 kV/3	13,5
No. 30-18 AWG		600 V	13
No. 24-18 AWG		600 V	13
0.2 – 1 mm²	0.2 – 1 mm²	750 V	13,5
5 mm			1 mm²

KEMA ATEX UL FM CSA CSA Ex

WKC 2,5/35

fine-stranded	solid	V	A
1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	24
No. 18-14 AWG		600 V	22
No. 16-14 AWG		600 V	20
1 – 2.5 mm²	1 – 2.5 mm²	750 V	24
6 mm			2.5 mm²

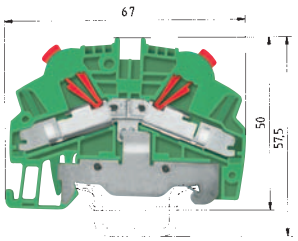
KEMA ATEX UL FM CSA CSA Ex

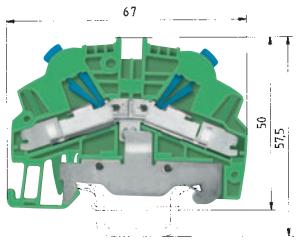
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block	gray	WKC 1/35	56.301.0053.0	100	WKC 2,5/35	56.303.0053.0	100
Feed-through block	blue	WKC 1/35 BLAU	56.301.0053.6	100	WKC 2,5/35 BLAU	56.303.0053.6	100
Accessories							
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	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[2], 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							

*) In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.
1) Please note the mounting instructions on page 290. 2) Do not use in Ex environments.

IDC ground blocks, type *WKC*

taris





0344 ⟨Ex⟩ II 2GD
EEx eII
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U[1)] EN 50019/EN 50014
Width Rated cross section
Approvals

WKC 1 SL/35

fine-stranded	solid	V	A
0.2 – 1 mm²	0.2 – 1 mm²	800 V/8 kV/3	13.5
No. 30-18 AWG		600 V	
No. 24-18 AWG			
0.2 – 1 mm²	0.2 – 1 mm²	*)	
5 mm			1 mm²

KEMA ATEX UL FM CSA CSA Ex

WKC 2,5 SL/35

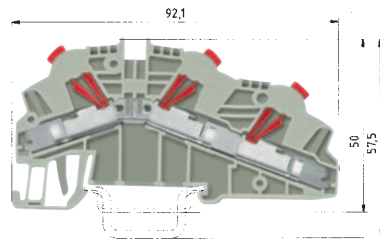
fine-stranded	solid	V	A
1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	24
No. 18-14 AWG		600 V	
No. 16-14 AWG			
1 – 2.5 mm²	1 – 2.5 mm²	*)	
6 mm			2.5 mm²

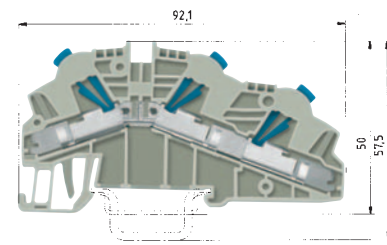
KEMA ATEX UL FM CSA CSA Ex

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Ground block	green/yellow	WKC 1 SL/35	56.301.9053.0	100	WKC 2,5 SL/35	56.303.9053.0	100
Accessories							
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[2)], 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
EEx ell
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U[1] EN 50019/EN 50014
Width Rated cross section
Approvals

WKC 1 D1/2/35

fine-stranded	solid	V	A
0.2 – 1 mm²	0.2 – 1 mm²	800 V/8 kV/3	13.5
No. 30-18 AWG		600 V	13
No. 24-18 AWG		600 V	13
0.2 – 1 mm²	0.2 – 1 mm²	750 V	13.5
5 mm			1 mm²

KEMA ATEX UL FM CSA CSA Ex

WKC 2,5 D1/2/35

fine-stranded	solid	V	A
1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	24
No. 18-14 AWG		600 V	22
No. 16-14 AWG		600 V	20
1 – 2.5 mm²	1 – 2.5 mm²	750 V	24
6 mm			2.5 mm²

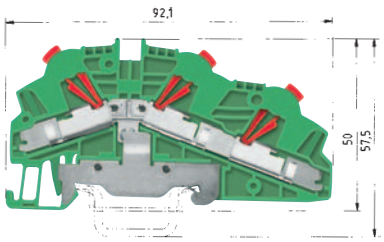
KEMA ATEX UL FM CSA CSA Ex

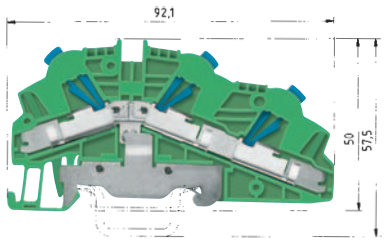
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Duo feed-through block	gray	WKC 1 D1/2/35	56.301.5053.0	50	WKC 2,5 D1/2/35	56.303.5053.0	50
Duo feed-through block	blue	WKC 1 D1/2/35 BLAU	56.301.5053.6	50	WKC 2,5 D1/2/35 BLAU	56.303.5053.6	50
Accessories							
1. Mounting rail 35, 7.5 mm high	L = 2 m	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[2], 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							

*) In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.
1) Please note the mounting instructions on page 290. 2) Do not use in Ex environments.

IDC duo ground blocks, type *WKC*

taris





0344 Ⓔx II 2GD
EEx eII
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U[1)] EN 50019/EN 50014
Width Rated cross section
Approvals

WKC 1 D1/2/SL/35

fine-stranded	solid	V	A
0.2 – 1 mm²	0.2 – 1 mm²	800 V/8 kV/3	13.5
No. 30-18 AWG		600 V	
No. 24-18 AWG			
0.2 – 1 mm²	0.2 – 1 mm²	*)	
5 mm			1 mm²

KEMA ATEX UL FM CSA CSA Ex

WKC 2,5 D1/2/SL/35

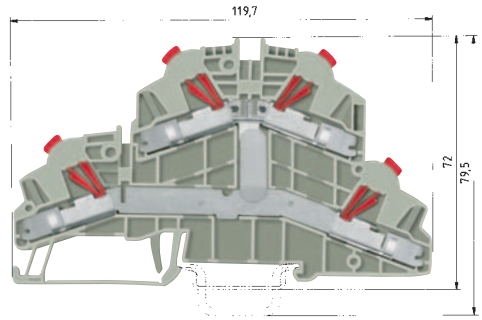
fine-stranded	solid	V	A
1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	24
No. 18-14 AWG		600 V	
No. 16-14 AWG			
1 – 2.5 mm²	1 – 2.5 mm²	*)	
6 mm			2.5 mm²

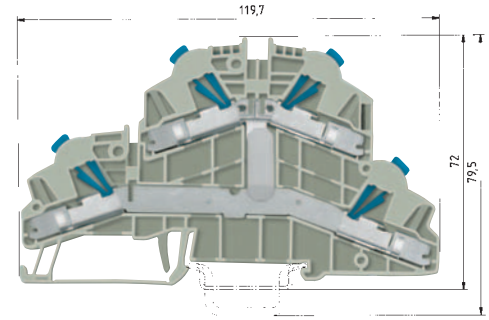
KEMA ATEX UL FM CSA CSA Ex

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Duo ground block	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
Accessories							
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[2)], 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,	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
10. Marking accessories					9705 A/5/10	04.242.5053.0	25

IDC duo feed-through blocks, type *WKC*

taris





0344 ⟨Ex⟩ II 2GD
EEx ell
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U[1] EN 50019/EN 50014
Width Rated cross section
Approvals

WKC 1 D2/2/35

fine-stranded	solid	V	A
0.2 – 1 mm²	0.2 – 1 mm²	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 mm²	0.2 – 1 mm²	550 V	13.5
5 mm			1 mm²

ATEX

WKC 2,5 D2/2/35

fine-stranded	solid	V	A
1 – 2.5 mm²	1 – 2.5 mm²	500 V/6 kV/3	24
No. 18-14 AWG		600 V	22
No. 16-14 AWG		300/600 V	20
1 – 2.5 mm²	1 – 2.5 mm²	550 V	24
6 mm			2.5 mm²

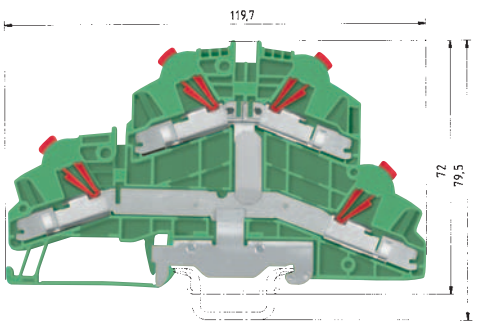
ATEX

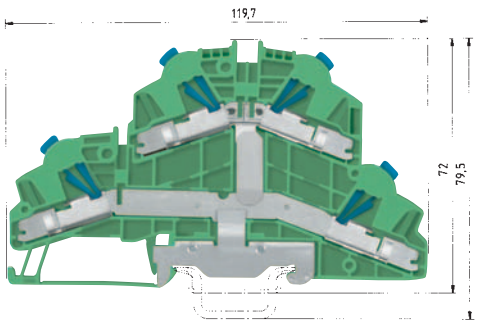
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Duo feed-through block	gray	WKC 1 D2/2/35	56.301.5153.0	50	WKC 2,5 D2/2/35	56.303.5153.0	50
Duo feed-through block	blue	WKC 1 D2/2/35 BLAU	56.301.5153.6	50	WKC 2,5 D2/2/35 BLAU	56.303.5153.6	50
Accessories							
1. Mounting rail 35, 7.5 mm high	L = 2 m	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[2], 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					

*) In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.
1) Please note the mounting instructions on page 290. 2) Do not use in Ex environments.

IDC duo ground blocks, type *WKC*

taris





0344 ⟨Ex⟩ II 2GD
EEx eII
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U[1)] EN 50019/EN 50014
Width Rated cross section
Approvals

WKC 1 D2/2/SL/35

fine-stranded	solid	V	A
0.2 – 1 mm²	0.2 – 1 mm²	500 V/6 kV/3	13.5
No. 30-18 AWG		600 V	
No. 24-18 AWG			
0.2 – 1 mm²	0.2 – 1 mm²	*)	
5 mm			1 mm²

KEMA ATEX UL FM CSA CSA Ex

WKC 2,5 D2/2/SL/35

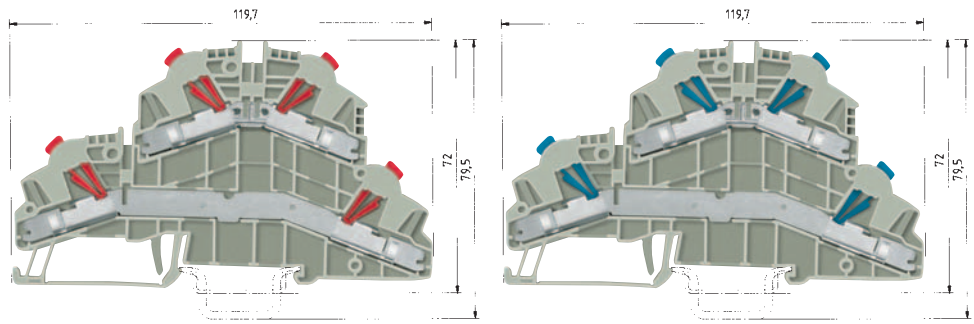
fine-stranded	solid	V	A
1 – 2.5 mm²	1 – 2.5 mm²	500 V/6 kV/3	24
No. 18-14 AWG		600 V	
No. 16-14 AWG			
1 – 2.5 mm²	1 – 2.5 mm²	*)	
6 mm			2.5 mm²

KEMA ATEX UL FM CSA CSA Ex

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Duo ground block	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
Accessories							
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[2)], 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
EEx ell
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U[1] EN 50019/EN 50014
Width Rated cross section
Approvals

WKC 1 E/35

fine-stranded	solid	V	A
0.2 – 1 mm²	0.2 – 1 mm²	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 mm²	0.2 – 1 mm²	550 V	13.5
5 mm			1 mm²

ATEX

WKC 2,5 E/35

fine-stranded	solid	V	A
1 – 2.5 mm²	1 – 2.5 mm²	500 V/6 kV/3	24
No. 18-14 AWG		600 V	22
No. 16-14 AWG		300/600 V	20
1 – 2.5 mm²	1 – 2.5 mm²	550 V	24
6 mm			2.5 mm²

ATEX

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Double-tier block	gray	WKC 1 E/35	56.301.7053.0	50	WKC 2,5 E/35	56.303.7053.0	50
Double-tier block	blue	WKC 1 E/35	56.301.7053.6	50	WKC 2,5 E/35	56.303.7053.6	50
Accessories							
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[2], 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

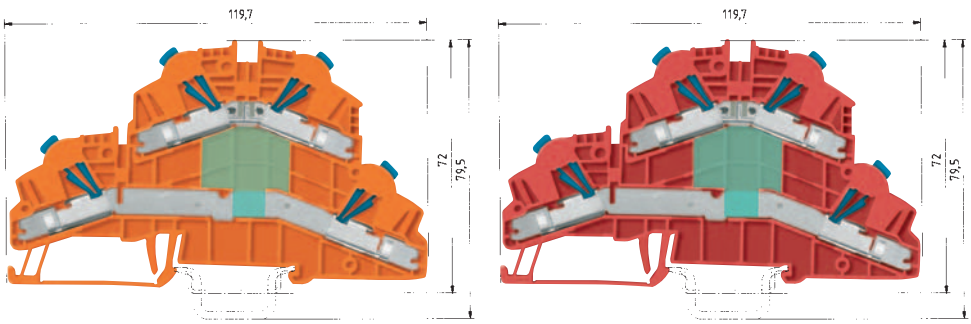
*300 V for use group C
600 V for use group D, E

Marking accessories also see page 326-327

[1] Please note the mounting instructions on page 290.
[2] Do not use in Ex environments.

IDC function blocks, type *WKC*

taris



WKC 2,5 E/35...

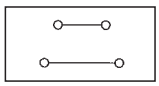
		fine-stranded	solid	V	A
EN 60 947-7-1		1 – 2.5 mm²	1 – 2.5 mm²		
UL ratings		No. 18-14 AWG			
CSA ratings		No. 16-14 AWG			
KEMA ... ATEX ...					
Width	Rated cross section	6 mm			2.5 mm²
Approvals					

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

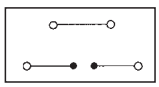
		Type	Part No.	Std. Pack
Double-tier block	red	WKC 2,5 E/35...	56.303.xx53.5	50
Double-tier block	orange	WKC 2,5 E/35...	56.303.xx53.9	50
Accessories				
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	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

Examples of functions

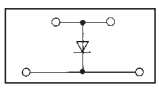
56.303.7553.9
56.303.7553.5



56.303.7153.5
56.303.7153.9

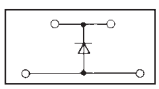


56.303.8053.9



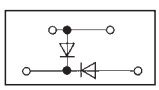
I = 1 A
U = 1000 V

56.303.8253.5



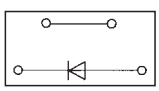
I = 1 A
U = 1000 V

56.303.7953.5



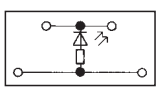
I = 1 A
U = 1000 V

56.303.8353.5



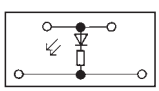
I = 1 A
U = 1000 V

56.303.7453.9
LED red



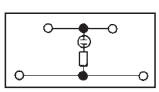
R = 4.7 KΩ
P = 0.5 W
U = 24 V DC

56.303.7253.5
LED red



R = 4.7 KΩ
P = 0.5 W
U = 24 V DC

56.303.7353.5

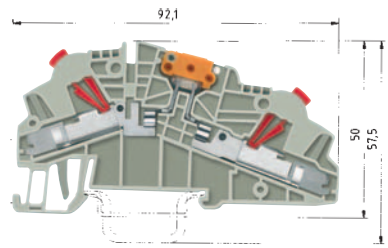


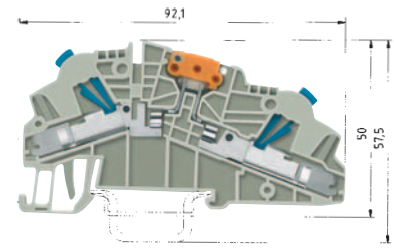
R = 680 KΩ
P = 0.25 W
U = 100-500 V

IDC knife edge disconnect block, type *WKC*

taris

The disconnect knife of the WKC TKM series swings in and out on a pivot. The distinctive color of the disconnect lever signals the open state. The conductor can be terminated with the lever in the open or closed position. Built-in test points are located on both sides of the terminal block.





		WKC 1 TKM/35		WKC 2,5 TKM/35	
		fine-stranded solid	V A	fine-stranded solid	V A
EN 60 947-7-1		0.2 – 1 mm² 0.2 – 1 mm²	800 V/8 kV/3 13.5	1 – 2.5 mm² 1 – 2.5 mm²	800 V/8 kV/3 20
UL ratings		No. 30-18 AWG	600 V 13	No. 18-14 AWG	600 V 22
CSA ratings		No. 24-18 AWG	300/600 V* 13	No. 16-14 AWG	300/600 V* 20
KEMA … ATEX …					
Width	Rated cross section	6 mm	1 mm²	6 mm	2.5 mm²
Approvals					

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Knife edge disconnect block	gray	WKC 1 TKM/35	56.301.2053.0	50	WKC 2,5 TKM/35	56.303.2053.0	50
Knife edge disconnect block	blue	WKC 1 TKM/35 BLAU	56.301.2053.6	50	WKC 2,5 TKM/35 BLAU	56.303.2053.6	50
Accessories							
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	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 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
600 V for use group D, E

Marking accessories also see page 326-327

taris

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

taris

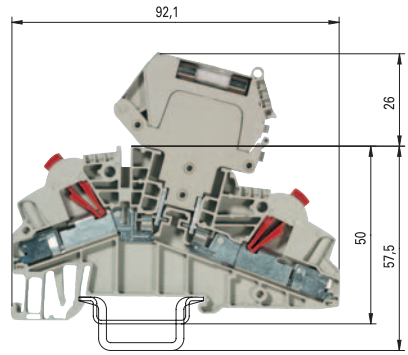
When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded.[1)]
The current is determined by the inserted fuse. [1)]
The voltage range is determined by the built-in LED display.[2)]
Depending on the application and the installation method, the conditions for temperature 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.

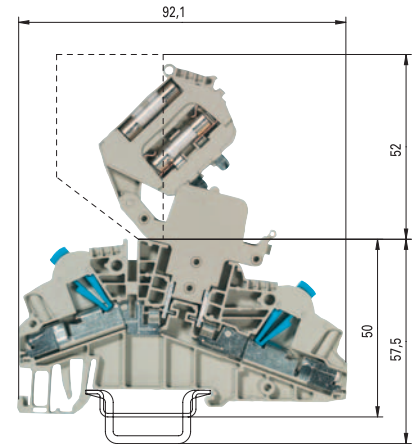
Indicator 24 V — Lamp color: red
Power consumption: 10.3 mA

Indicator 60 V — Lamp color: red
Power consumption: 3.9 mA

Indicator 250 V — Lamp color: white
Power consumption: 0.35 mA

The standard block includes a location for a replacement fuse.





	WKC 1 TKG/35 with fuse disconnect lever			WKC 2,5 TKG/35 with fuse disconnect lever		
	fine-stranded	solid	V / A	fine-stranded	solid	V / A
EN 60 947-7-1, EN 60 127-6	0.2 – 1 mm²	0.2 – 1 mm²	800 V/8 kV/3[2)] / [1)]	1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3[2)] / [1)]
UL ratings	No. 30-18 AWG		600 V* / 6.3	No. 16-14 AWG		600 V* / 6.3
CSA ratings	No. 24-18 AWG		300 V / 6.3	No. 16-14 AWG		300 V / 6.3
KEMA … ATEX …						
Width / Rated cross section	6 mm		1 mm²	6 mm		2.5 mm²
Approvals						

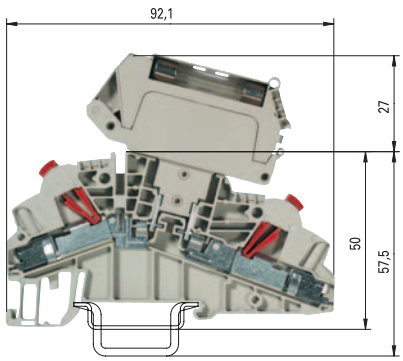
		WKC 1 TKG/35 Type	Part No.	Std. Pack	WKC 2,5 TKG/35 Type	Part No.	Std. Pack
Disconnect block	gray	WKC 1 TKG/35	56.301.4053.0	50	WKC 2,5 TKG/35	56.303.4053.0	50
Fuse disconnect lever	gray	THSI 5x20	Z1.298.1053.0	10	THSI 5x20	Z1.298.1053.0	10
Fuse disconnect lever with LED 12–24 V[2)]	gray	THSI 5x20 LED24	Z1.298.1153.0	10	THSI 5x20 LED24	Z1.298.1153.0	10
Fuse disconnect lever with LED 24–60 V[2)]	gray	THSI 5x20 LED60	Z1.298.1253.0	10	THSI 5x20 LED60	Z1.298.1253.0	10
Fuse disconnect lever with GL 110–250 V[2)]	gray	THSI 5x20 GL250	Z1.298.1353.0	10	THSI 5x20 GL250	Z1.298.1353.0	10
Accessories							
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
4. Intermediate plate, 4 mm wide[3)]	gray						
5. Partition plate	gray	TWC 1-2,5 D1.	07.312.5353.0	10	TWC 1-2,5 D1.	07.312.5353.0	10
	blue						
6. Jumper bar,	2 blocks	IVB WKF 4-2	Z7.261.1227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
insulated for connecting	3 blocks	IVB WKF 4-3	Z7.261.1327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
	4 blocks	IVB WKF 4-4	Z7.261.1427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
	5 blocks	IVB WKF 4-5	Z7.261.1527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
	6 blocks	IVB WKF 4-6	Z7.261.1627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
	7 blocks	IVB WKF 4-7	Z7.261.1727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
	8 blocks	IVB WKF 4-8	Z7.261.1827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
	9 blocks	IVB WKF 4-9	Z7.261.1927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
	10 blocks	IVB WKF 4-10	Z7.261.2027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
7. 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
8. 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
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

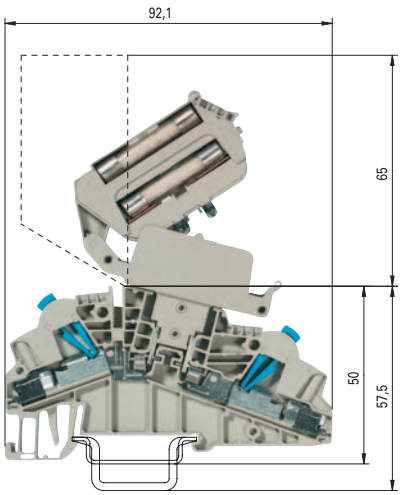
*300 V for use group C
600 V for use group D, E

Marking accessories also see page 326-327

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

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 mm²	0.2 – 1 mm²	800 V/8 kV/3	1)
No. 30-18 AWG		600 V*	6.3
No. 24-18 AWG		300 V	6.3

6 mm + 4 mm[3)] 1 mm²

WKC 2,5 TKG/35
with fuse disconnect lever

fine-stranded	solid	V	A
1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	1)
No. 16-14 AWG		600 V*	6.3
No. 16-14 AWG		300 V	6.3

6 mm + 4 mm[3)] 2.5 mm²

[1)] 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[3)]	07.312.6455.0	10	ZP/WKC TKG[3)]	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

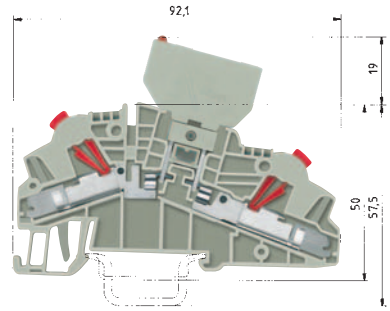
IDC disconnect block, with IDC connection, type *WKC*

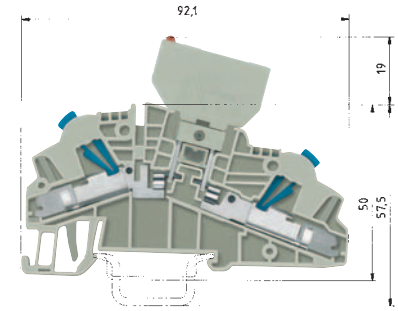
taris

When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded.[1)]
The current is determined by the inserted fuse.[1)]
The voltage range is determined by the built-in LED display.[2)]
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	WKC 2,5 TKG/35 with fuse holder
	fine-stranded solid V A	fine-stranded solid V A
EN 60 947-7-1, EN 60 127-6	0.2 – 1 mm² 0.2 – 1 mm² 800 V/8 kV/3 [1)]	1 – 2.5 mm² 1 – 2.5 mm² 800 V/8 kV/3 [1)]
UL ratings	No. 30-18 AWG 600 V* 6.3	No. 16-14 AWG 600 V* 6.3
CSA ratings	No. 24-18 AWG 300 V 6.3	No. 16-14 AWG 300 V 6.3
KEMA … ATEX …		
Width	6 mm	6 mm
Rated cross section	1 mm²	2.5 mm²
Approvals		

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Disconnect block	gray	WKC 1 TKG/35	56.301.4053.0	50	WKC 2,5 TKG/35	56.303.4053.0	50
Fuse holder for fuse 5 x 20	gray	Si ST	Z1.299.4055.0	10	Si ST	Z1.299.4055.0	10
Fuse holder with indicator (24 V)[2)]	gray	Si ST LED	Z1.299.4155.0	10	Si ST LED	Z1.299.4155.0	10
Fuse holder with indicator (220 V)[2)]	gray	Si ST GL	Z1.299.4255.0	10	Si ST GL	Z1.299.4255.0	10
Accessories							
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*

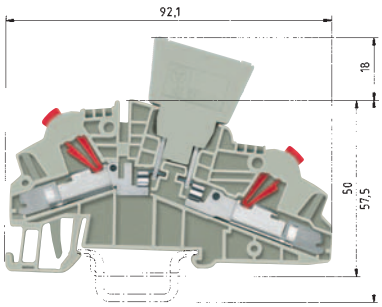
[1] Maximum power loss at 23 °C ambient temperature (according to DIN EN 60947-7-3)

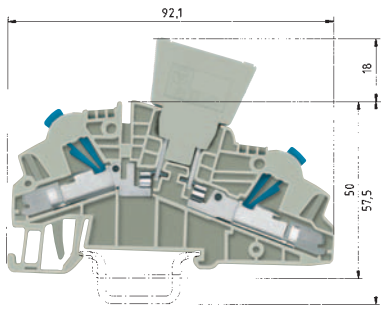
Type	Rated voltage	Overload protection		Exclusive short-circuit protection	
		Single arrangem.	Group arrangem.	Single arrangem.	Group arrangem.
SIST	250 V	1.6 W	1.6 W	2.5 W	1.6 W

The power load is determined by the installed component[3]

Temporary peak voltage 1000 V

Direction of the diode: Anode / Cathode[4] — Cathode / Anode[5]





	WKC 1 TKG/35 with diode plug				WKC 2,5 TKG/35 with diode plug			
	fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60 947-7-1	0.2 – 1 mm²	0.2 – 1 mm²	800 V/8 kV/3	[3]	1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	[3]
UL ratings	No. 24-18 AWG		300/600 V*	[3]	No. 16-14 AWG		300/600 V*	[3]
CSA ratings	No. 24-18 AWG		300/600 V	[3]	No. 16-14 AWG		300/600 V	[3]
KEMA … ATEX …								
Width / Rated cross section	6 mm			1 mm²	6 mm			2.5 mm²
Approvals								

			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Disconnect block		gray	WKC 1 TKG/35	56.301.4053.0	50	WKC 2,5 TKG/35	56.303.4053.0	50
Diode plug – empty	J_{max} = 10 A[3]	gray	DIST …	Z1.299.3055.0	10	DIST …	Z1.299.3055.0	10
Diode plug – diode	J_{max} = 1 A[3]	gray	DIST-1 N 4007-1[4]	Z1.299.3155.0	10	DIST-1 N 4007-1[4]	Z1.299.3155.0	10
Diode plug – diode	J_{max} = 1 A[3]	gray	DIST-1 N 4007-2[5]	Z1.299.3355.0	10	DIST-1 N 4007-2[5]	Z1.299.3355.0	10
Diode plug with jumper	J_{max} = 10 A[3]	gray	DIST-D	Z1.299.3255.0	10	DIST-D	Z1.299.3255.0	10
Accessories								
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

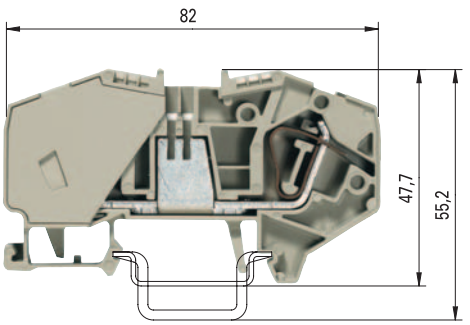
taris

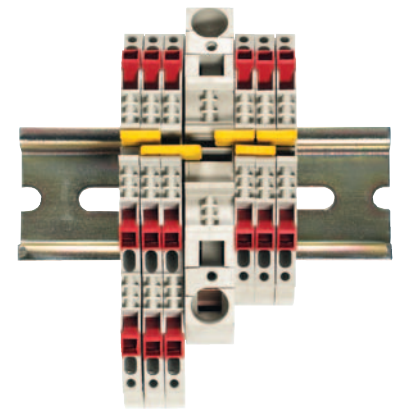
– Potential distribution with standard jumper bar IVB WKF... on ***taris*** DIN rail terminal blocks

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

– Potential distributions are possible on one or both sides

$$I_{max} = \sum I_n \leq \sum I_{Nblock}$$

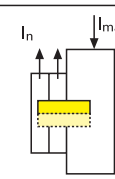
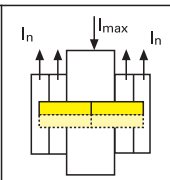




WKF 16/35 PV/WKC

fine-stranded	solid/stranded	V	A
4 – 16 mm²	4 – 16 mm²	800 V/8 kV/3	76
No. 12-6 AWG		600	
No. 12-6 AWG		600	

EN 60 947-7-1/ DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA ... ATEX ...
Width — Rated cross section — 12 mm — 15 mm
Approvals — pending: ATEX

Potential distribution				
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

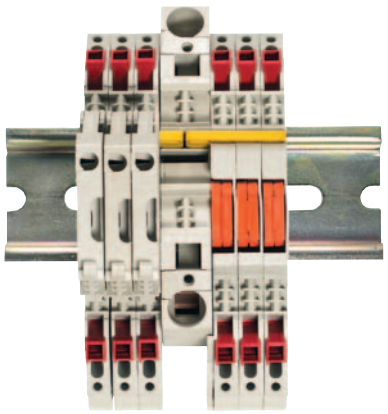
		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Supply block for potential distribution	gray	WKF 16/35 PV/WKC	56.716.0253.0	20			
Feed-through block	gray				WKC 1/35	56.301.0053.0	100
Duo feed-through block	gray				WKC 1 D1/2/35[1]	56.301.0053.0	100
Knife edge disconnect block	gray						
Disconnect block	gray						
Accessories							
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[1]	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

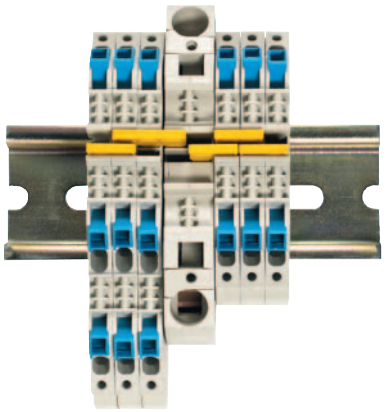
Marking accessories also see page 326-327

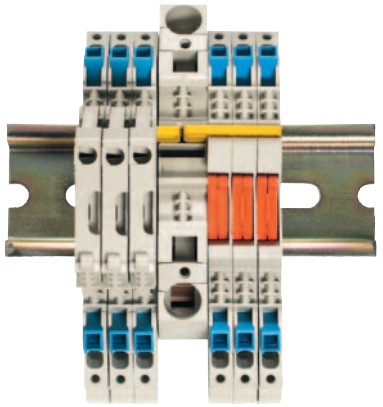
[1] If these blocks are latched onto a supply block with the open side, a segment end plate SAPC 1-2,5 must be used. The jumpering is possible without loss of spacing.

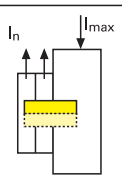
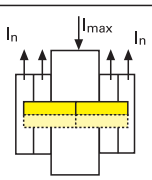
Supply blocks for potential distribution

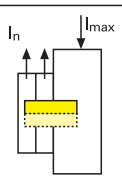
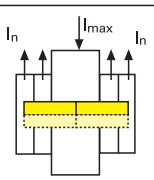
taris

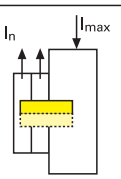
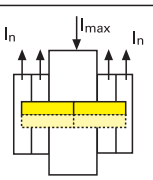






Potential distribution				
Jumpering	one side		both sides	
	single	double	single	double
I_{max}	40.5	40.5	72	76
I_{Nblock}	13.5*	13.5*	13.5*	13.5*

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

Potential distribution				
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
WKC 1 TKM/35[1)]	56.301.2053.0	50
WKC 1 TKG/35[1)]	56.301.4053.0	50
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
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
APC 1-2,5 D1/TK	07.312.5253.0	10
SAPC 1-2,5	07.312.7953.0	10
IVB WKF 4-2	Z7.261.1227.0	10
IVB WKF 4-3	Z7.261.1327.0	10
IVB WKF 4-4	Z7.261.1427.0	10
IVB WKF 4-5	Z7.261.1527.0	10
IVB WKF 4-6	Z7.261.1627.0	10
IVB WKF 4-7	Z7.261.1727.0	20
IVB WKF 4-8	Z7.261.1827.0	20
IVB WKF 4-9	Z7.261.1927.0	20
IVB WKF 4-10	Z7.261.2027.0	20
ADC 1 GELB	04.344.0153.8	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

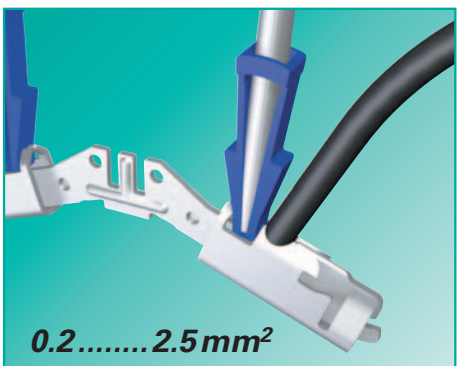
*) For disconnect blocks with a fuse disconnect lever, the rated current is determined by the integrated fuse. (see page 297)

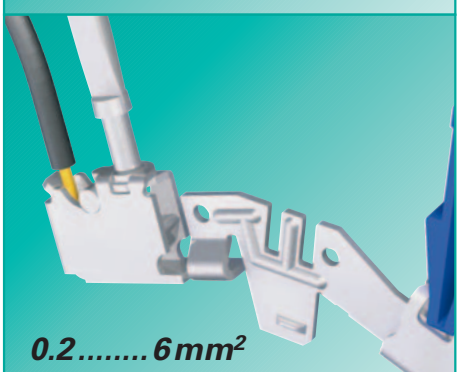
Type	Part No.	Std. Pack
WKC 2,5/35	56.303.0053.0	100
WKC 2,5 D1/2/35[1)]	56.303.5053.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
APC 1-2,5	07.312.5053.0	10
APC 1-2,5 D1/TK	07.312.5253.0	10
SAPC 1-2,5	07.312.7953.0	10
IVB WKF 4-2	Z7.261.1227.0	10
IVB WKF 4-3	Z7.261.1327.0	10
IVB WKF 4-4	Z7.261.1427.0	10
IVB WKF 4-5	Z7.261.1527.0	10
IVB WKF 4-6	Z7.261.1627.0	10
IVB WKF 4-7	Z7.261.1727.0	20
IVB WKF 4-8	Z7.261.1827.0	20
IVB WKF 4-9	Z7.261.1927.0	20
IVB WKF 4-10	Z7.261.2027.0	20
ADC 2,5 GELB	04.344.0353.8	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

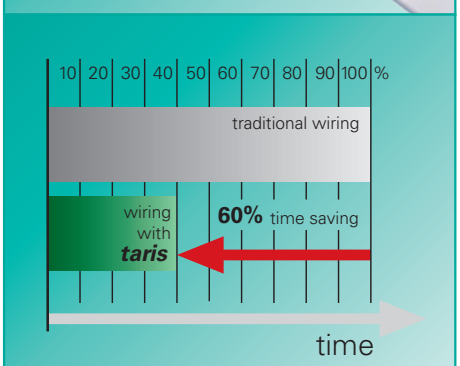
Type	Part No.	Std. Pack
WKC 2,5 TKM/35[1)]	56.303.2053.0	50
WKC 2,5 TKG/35[1)]	56.303.4053.0	50
35 x 27 x 7,5 EN 60715	98.300.0000.0	1
35 x 24 x 15 EN 60715	98.360.0000.0	1
9708/2 S 35	Z5.522.8553.0	100
WEF 1/35	Z5.523.9353.0	100
APC 1-2,5	07.312.5053.0	10
APC 1-2,5 D1/TK	07.312.5253.0	10
SAPC 1-2,5	07.312.7953.0	10
IVB WKF 4-2	Z7.261.1227.0	10
IVB WKF 4-3	Z7.261.1327.0	10
IVB WKF 4-4	Z7.261.1427.0	10
IVB WKF 4-5	Z7.261.1527.0	10
IVB WKF 4-6	Z7.261.1627.0	10
IVB WKF 4-7	Z7.261.1727.0	20
IVB WKF 4-8	Z7.261.1827.0	20
IVB WKF 4-9	Z7.261.1927.0	20
IVB WKF 4-10	Z7.261.2027.0	20
ADC 2,5 GELB	04.344.0353.8	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

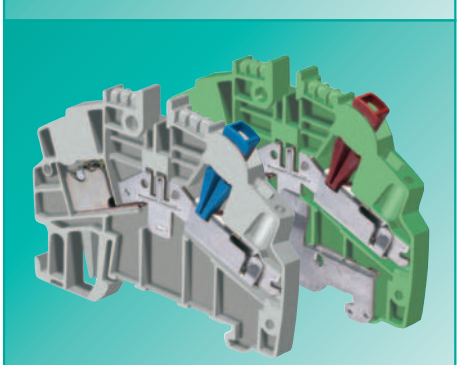
Hybrid DIN rail terminal blocks with IDC and screw technology, type *WKC...S/C*

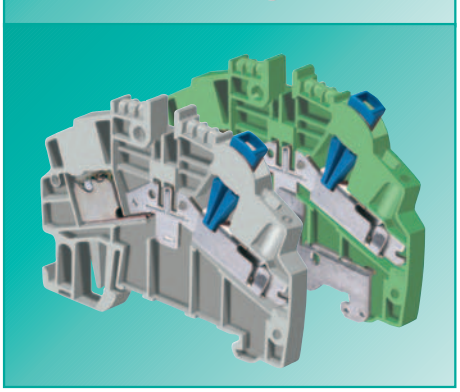
taris HYBRID











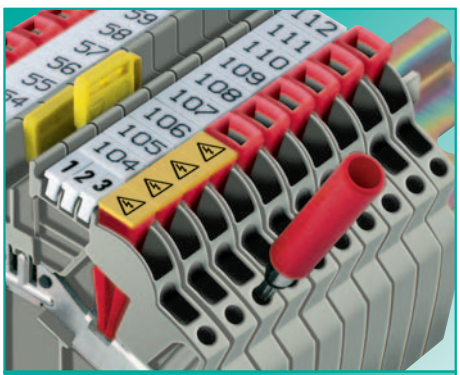
With ***taris*** HYBRID all the benefits of using IDC technology can be realized for factory wiring. In the same block, the field side can be terminated with familiar screw technology.

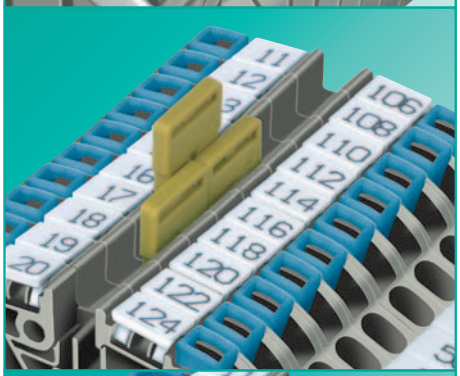
taris HYBRID offers...	**Application advantages**
... for factory wiring	
❒ **IDC technology**	→ **No special tools required**
User-friendly	→ **No stripping necessary**
Reduced wiring times	→ **Reduces panel space**
Compact design	→ **Indicates open or closed state of the contact**
Screwdriver guide	
... for field wiring	
❒ **Screw technology**	→ **Well known termination technology**
TOP entry system	→ **Wire and screwdriver entry in same plane**
Wide range of conductor types	→ **Ease of wiring in small confined spaces** **Use of any conductor insulation type**
❒ **Terminal variations**	→ 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

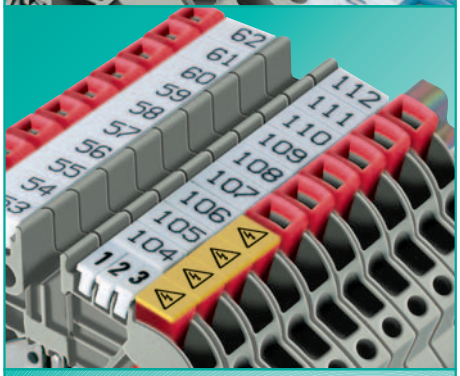
WKC 1 S/C..	→ Connection and wire gauge
solid/stranded copper	**C** = 0.2 – 1 mm² / AWG 24-18
stranded copper	**S** = 0.5 – 2.5 mm² / AWG 22-12
solid copper	**S** = 0.5 – 4 mm² / AWG 22-12
stranded copper with ferrules	**S** = 0.5 – 2.5 mm² / AWG 22-12
torque specification	**S** = 0.4 – 0.6 Nm (M2.5)

WKC 2,5 S/C..	→ Connection and wire gauge
solid/stranded copper	**C** = 1 – 2.5 mm² / AWG 16-14
stranded copper	**S** = 0.5 – 4 mm² / AWG 22-10
solid copperr	**S** = 0.5 – 6 mm² / AWG 22-10
stranded copper with ferrules	**S** = 0.5 – 4 mm² / AWG 22-10
torque specification	**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 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 neccessary for secure connection.

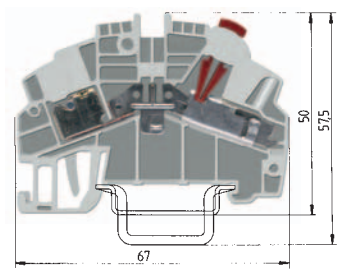
The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to. For this purpose, **Wieland** offers a large selection of appopriate accessories.

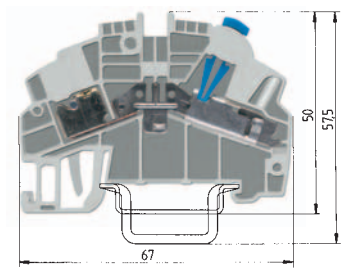
A detailed description of technical data, the standards requirements, and the application conditions can be found in catalog section ***facts*** & DATA.

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



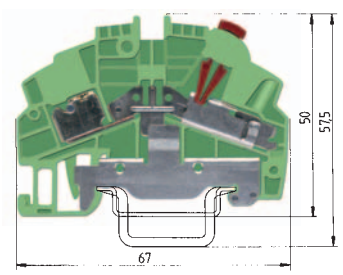


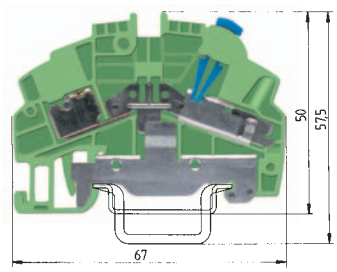
		WKC 1 S/C/35				WKC 2,5 S/C/35			
		fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60 947-7-1 **IDC**		0.21 – 1 mm²	0.21 – 1 mm²	800 V/8 kV/3	13.5	1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	24
EN 60 947-7-1 **Screw**		0.5 – 2.5 mm²	0.5 – 4 mm²	800 V/8 kV/3	13.5	0.5 – 4 mm²	0.5 – 6 mm²	800 V/8 kV/3	24
UL ratings		No. 24-18 AWG		600 V	13	No. 22-12 AWG		600 V	20
CSA ratings		No. 22-12 AWG		600 V	13	No. 22-10 AWG		600 V	20
KEMA … ATEX …									
Width	Rated cross section	5 mm			10 mm	6 mm			10 mm
Approvals									

			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block		gray	WKC 1 S/C/35	56.351.0053.0	100	WKC 2,5 S/C/35	56.353.0053.0	100
Feed-through block		blue	WKC 1 S/C/35 BLAU	56.351.0053.6	100	WKC 2,5 S/C/35	56.353.0053.6	100
Ground block		green/yellow						
Accessories								
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



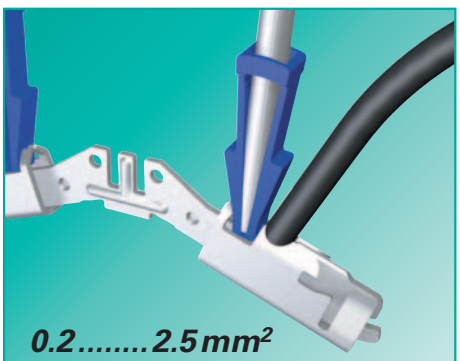


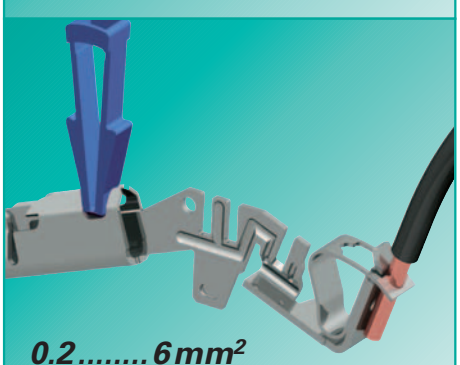
		WKC 1 S/C/SL/35				WKC 2,5 S/C/SL/35			
		fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60 947-7-1 **IDC**		0.21 – 1 mm²	0.21 – 1 mm²	800 V/8 kV/3	13.5	1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	24
EN 60 947-7-1 **Screw**		0.5 – 2.5 mm²	0.5 – 4 mm²	800 V/8 kV/3	13.5	0.5 – 4 mm²	0.5 – 6 mm²	800 V/8 kV/3	24
UL ratings		No. 24-18 AWG				No. 22-12 AWG			
CSA ratings		No. 22-12 AWG				No. 22-10 AWG			
KEMA … ATEX …									
Width	Rated cross section	5 mm			10 mm	6 mm			10 mm
Approvals									

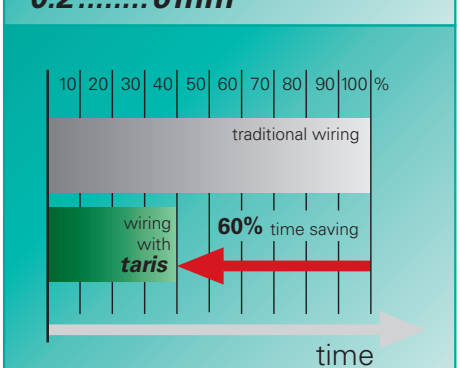
			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block		gray						
Feed-through block		blue						
Ground block		green/yellow	WKC 1 S/C/SL/35	56.351.9053.0	100	WKC 2,5 S/C/SL/35	56.353.9053.0	100
Accessories								
1. Mounting rail 35, 7.5 mm high		L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	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						
	1.5 mm wide	blue						
	1.5 mm wide	green	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	gray						
	1.5 mm wide	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								
	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

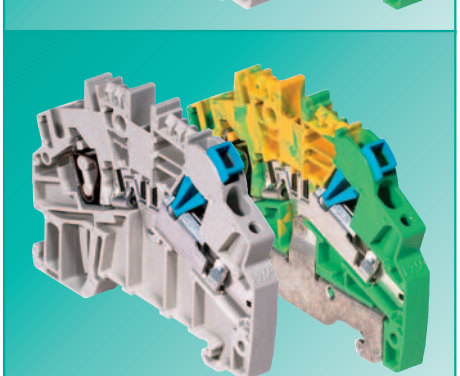
Hybrid feed-through terminals with IDC and spring clamp connection, type *WKC...F/C*

taris HYBRID





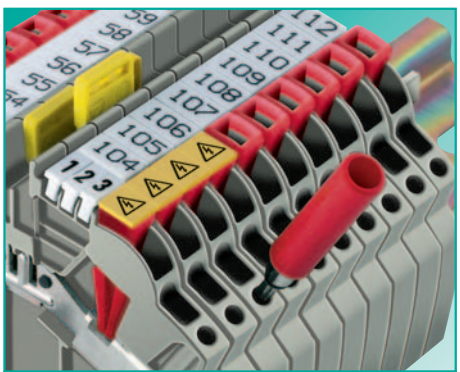


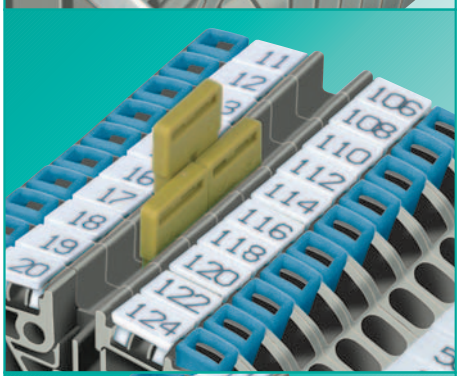


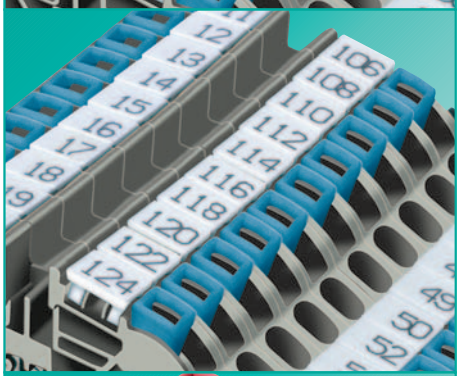
With ***taris*** HYBRID all the benefits of using IDC technology can be realized for factory wiring. In the same block, the field side can be terminated with familiar screw technology.

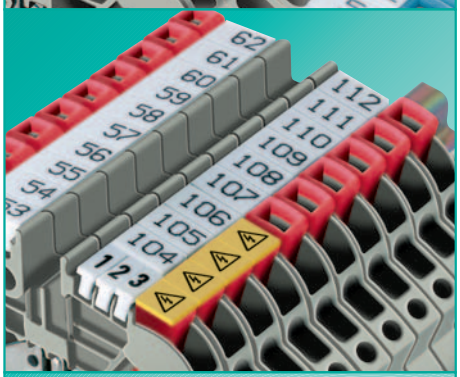
taris HYBRID offers...	**Application advantages**
... for factory wiring	
❒ **IDC technology**	→ **No special tools required**
User-friendly	→ **No stripping necessary**
Reduced wiring times	→ **Reduces panel space**
Compact design	→ **Indicates open or closed state of the contact**
Screwdriver guide	
... for field wiring	
❒ **Spring clamp connection technology**	→ **Universally known and accepted connection technique**
TOP entry system	→ **Clear wiring in difficult** and confined wiring applications
Wide range of conductor types	→ **No restriction of the conductors with regard** to the selected insulating material
❒ **Terminal variations**	→ 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..	→ Termination points
solid or fine-stranded copper conductor	**C** = 0.2 – 1 mm² / AWG 24-18
fine-stranded copper conductor solid copper conductor fine-stranded copper conductor with ferrule	**F** = 0.13 – 4 mm² / AWG 22-10 **F** = 0.13 – 6 mm² / AWG 22-10 **F** = 0.13 – 4 mm² / AWG 22-10
WKC 2,5 F/C..	→ Termination points
solid or fine-stranded copper conductor	**C** = 1 – 2.5 mm² / AWG 16-14
fine-stranded copper conductor solid copper conductor fine-stranded copper conductor with ferrule	**F** = 0.13 – 4 mm² / AWG 22-10 **F** = 0.13 – 6 mm² / AWG 22-10 **F** = 0.13 – 4 mm² / AWG 22-10

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

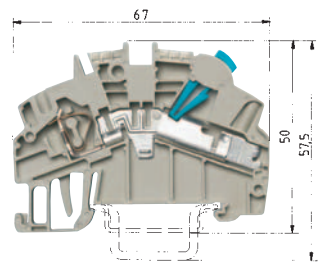
The information regarding cross-sectional areas and connection types pertains to wires without ferrules. Ferrules are not neccessary for secure connection.

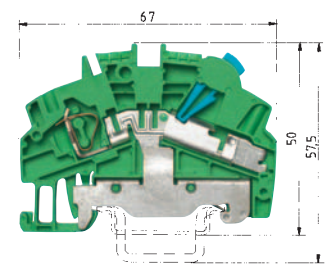
The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to. For this purpose, **Wieland** offers a large selection of appopriate accessories.

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				WKC 2,5 F/C/SL/35			
		fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60 947-7-1 **IDC**		1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	24	1 – 2.5 mm²	1 – 2.5 mm²	800 V/8 kV/3	
EN 60 947-7-1 **Spring**		0.13 – 4 mm²	0.13 – 6 mm²	800 V/8 kV/3	24	0.13 – 4 mm²	0.13 – 6 mm²	800 V/8 kV/3	
UL ratings									
CSA ratings									
KEMA ... ATEX ...									
Width	Rated cross section	6 mm			11 mm	6 mm			11 mm
Approvals									

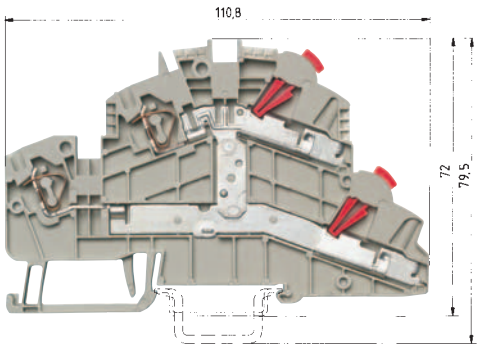
			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Feed-through block		gray	WKC 2,5 F/C/35	56.333.0053.0	100			
Feed-through block		blue	WKC 2,5 F/C/35 BLAU	56.333.0053.6	100			
Ground block		green/yellow				WKC 2,5 F/C/SL/35	56.333.9053.0	100
Accessories								
1. Mounting rail 35, 7.5 mm high		L = 2 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								

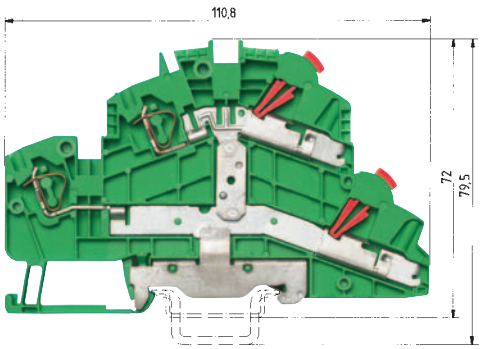
Hybrid feed-through blocks
with IDC and spring clamp connection, type *WKC...F/C*

Variation "E" = 2 independent line feed-throughs

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

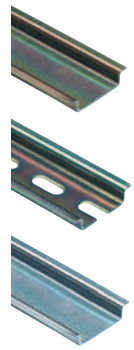
Termination point **"F"** = spring clamp connection
Termination point **"C"** = IDC technology

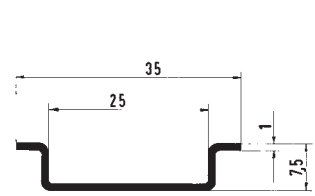


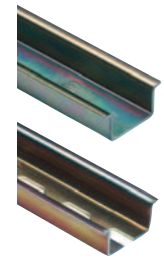


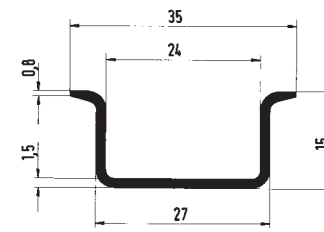
	WKC 1 E/F/C/35 WKC 1 D2F/2C/35				WKC 1 D2F/2C/SL/35			
	fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60 947-7-1 **IDC**	0.21 – 1 mm²	0.21 – 1 mm²	500 V/6 kV/3	24	1 – 2.5 mm²	1 – 2.5 mm²	500 V/6 kV/3	
EN 60 947-7-1 **Spring**	0.13 – 4 mm²	0.13 – 6 mm²	500 V/6 kV/3	24	0.13 – 4 mm²	0.13 – 6 mm²	500 V/6 kV/3	
UL ratings								
CSA ratings								
KEMA … ATEX …								
Width / Rated cross section	6 mm			11 mm	6 mm			11 mm
Approvals								

			Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Multi-tier block		gray	WKC 1 E/F/C/35	56.331.7053.0	50			
Feed-through block		gray	WKC 1 D2F/2C/35	56.331.5153.0	50			
Feed-through block		blue	WKC 1 D2F/2C/35 BLAU	56.331.5153.6	50			
Ground block		green/yellow				WKC 1 D2F/2C/SL/35	56.331.9153.0	50
Accessories								
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

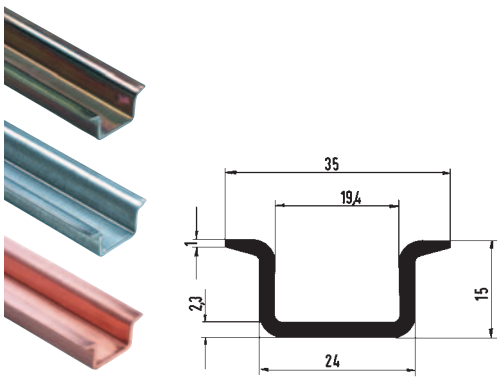


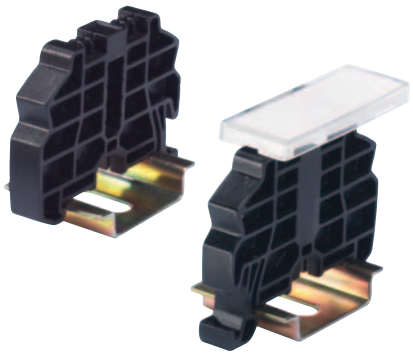






	Mounting rail 35 x 7,5 according to DIN EN 60715			Mounting rail 35 x 15 according to DIN EN 60715		
	Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Mounting rail						
1. Steel, galv. zinc-plated, dichromated, unslotted L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	35 x 27 x 15 EN 60715	98.370.0000.0	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						
End clamp						
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)						





Mounting rail 35 x 15
according to DIN EN 60715

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

End clamp for TS 35
screw mount

Type	Part No.	Std. Pack
9708/2 S 35	Z5.522.8553.0	100
9708/2 BS/35	69.920.0553.0	100
	04.019.0289.0	10

End clamp for TS 35
screwless mount

Type	Part No.	Std. Pack
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

Test plug with spring clamp connection

taris

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

PS WKC/F

fine-stranded	solid	V	A
0.13 - 1.5 mm²	0.13 - 1.5 mm²	400 V	2.5

45° angle

Label with handling instructions
***taris*/WKC**

Type	Part No.	Std. Pack
	05.563.5700.0	1

Marking tag carrier

Type	Part No.	Std. Pack
For all block widths with 4/6 digits		
4 digits		
9705 A/4	04.242.0950.0	200
6 digits		
9705 A/6	04.242.1250.0	200
Marking tag carrier		
45° angle		
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		

Type	Part No.	Std. Pack
Single pole module		
5 mm spacing		
PS WKC/F	Z1.299.9753.0	10
Blank module for jumpered blocks	01.299.9753.0	10
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

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 mm²/5 mm width

2.5 mm²/6 mm width

Type	Part No.	Std. Pack
Single marking tag, unmarked		
9705 A	04.242.0850.0	500
Single marking tag, marked		
9705 AB*	04.842.0850.0	500
Single marking tag, unmarked with enlarged marking area		
9705 AL	04.242.1553.0	500
Single marking tag, marked for enlarged marking area		
9705 ALB*	04.842.1553.0	500

Type		Part No.	Std. Pack
Marking strips, unmarked			
9705 A/5/10		04.242.5053.0	25
Marking strips, marked			
9705 A/5/10 B	1 - 10	04.845.0153.0	25
	11 - 20	04.845.0253.0	25
	21 - 30	04.845.0353.0	25
	31 - 40	04.845.0453.0	25
	41 - 50	04.845.0553.0	25
	51 - 60	04.845.0653.0	25
	61 - 70	04.845.0753.0	25
	71 - 80	04.845.0853.0	25
	81 - 90	04.845.0953.0	25
	91 - 100	04.845.1053.0	25
	⏚ (10 x)	04.855.0053.0	25
	⏚ (10 x)	04.855.0153.0	25
	+ (10 x)	04.855.0253.0	25
	– (10 x)	04.855.0353.0	25
	L1 (10 x)	04.855.0453.0	25
	L2 (10 x)	04.855.0553.0	25
	L3 (10 x)	04.855.0653.0	25
	PE (10 x)	04.855.0753.0	25
	SL (10 x)	04.855.3153.0	25
	N (10 x)	04.855.3253.0	25
	F1 (10 x)	04.855.0953.0	25
	F2 (10 x)	04.855.1053.0	25
	L1, L2, L3, N, PE (2 x)	04.855.0853.0	25
Marking plates, unmarked			
9705 A/5/10/11		Z4.242.5053.0	10

Type		Part No.	Std. Pack
Marking strips, unmarked			
9705 A/6/10		04.242.6053.0	25
Marking strips, marked			
9705 A/6/10 B	1 - 10	04.846.0153.0	25
	11 - 20	04.846.0253.0	25
	21 - 30	04.846.0353.0	25
	31 - 40	04.846.0453.0	25
	41 - 50	04.846.0553.0	25
	51 - 60	04.846.0653.0	25
	61 - 70	04.846.0753.0	25
	71 - 80	04.846.0853.0	25
	81 - 90	04.846.0953.0	25
	91 - 100	04.846.1053.0	25
	⏚ (10 x)	04.856.0053.0	25
	⏚ (10 x)	04.856.0153.0	25
	+ (10 x)	04.856.0253.0	25
	– (10 x)	04.856.0353.0	25
	L1 (10 x)	04.856.0453.0	25
	L2 (10 x)	04.856.0553.0	25
	L3 (10 x)	04.856.0653.0	25
	PE (10 x)	04.856.0753.0	25
	SL (10 x)	04.856.3153.0	25
	N (10 x)	04.856.3253.0	25
	F1 (10 x)	04.856.0953.0	25
	F2 (10 x)	04.856.1053.0	25
	L1, L2, L3, N, PE (2 x)	04.856.0853.0	25
Marking plates, unmarked			
9705 A/6/10/11		Z4.242.6053.0	10

* Custom marking available on request