

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 mm² and 2.5 mm²

All Wieland Components which require € general certification are **C** € certified, and identified with the **C** € 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

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 🕸 mark, the markings of the Wieland terminal blocks have the following meaning:

Identification

Ш Device group

Category

G D Areas

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.

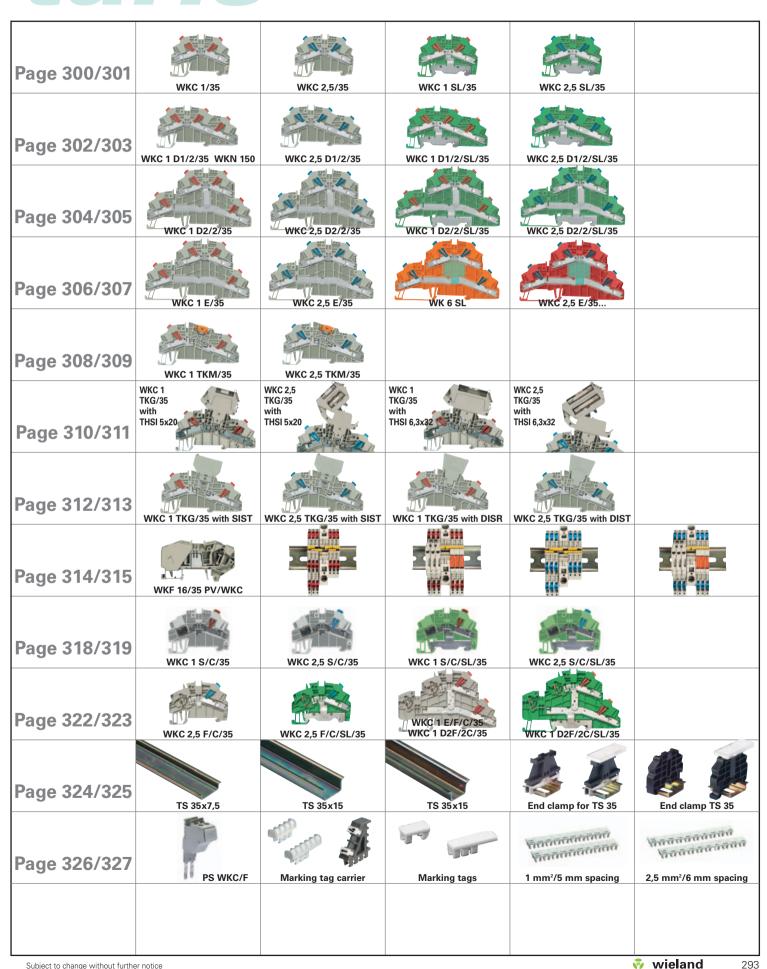
DQS certification for all company sectors

- 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



IDC DIN rail terminal blocks, type WKC taris

IDC DIN rail terminal blocks, type WKC

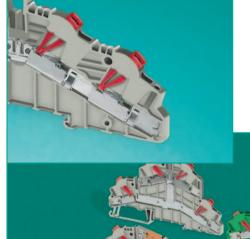


wieland Subject to change without further notice

IDC DIN rail terminal blocks, type WKC



10 20 30 40 50 60 70 80 90 100 % traditional wiring wiring with taris time



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

☐ taris is designed for long-term use

under demanding conditions

- Controlled switching state
- □ Complete product range

Your benefits...

→ No stripping of insulation

It is not necessary to strip the insulation or attach ferrules for *taris*.

→ No special tools

Operation of the termination point with a standard screwdriver.

→ Cost reduction

Up to 60 % time savings depending on the type of conductor and connection technology.

→ More space in the control cabinet Only 5 mm width for WKC 1...

→ Circuit indicator

Visual indication of the termination point position, open or closed

→ Two cross section ranges

WKC 1... 0.2-1.0 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

wieland

IDC DIN rail terminal blocks, type WKC

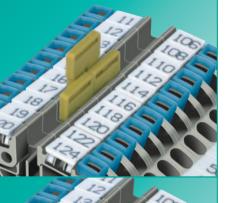




- □ taris provides built-in test points for all its blocks, therefore measurements can be performed without having to remove the
- ☐ Entry guides on each side of the terminal blocks allow measurement with standard Ø 2.3 mm test probes and test plugs for maintenance and troubleshooting.

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



- ☐ 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

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)



Reg. Nr. 14 194-02

wieland

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.

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

Quality standard as per DIN ISO 9001

DQS certificates for all products

- ☐ 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

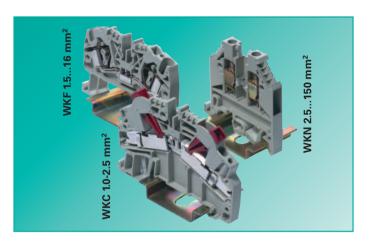
Note

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 Insulation Displacement Connection.

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.

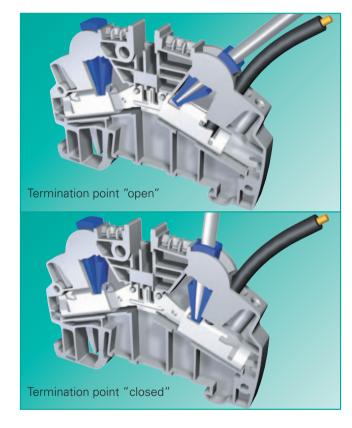
The **position indicator** visually indicates the state of the termination point.

The color of the indicator signifies the rated cross section of the DIN rail terminal block.

 $\begin{array}{ll} \text{WKC 1...} & \text{0.21} - 1.0 \text{ mm}^2 \rightarrow \text{ red indicator} \\ \text{WKC 2,5...} & \text{1.0} & -2.5 \text{ mm}^2 \rightarrow \text{ blue indicator} \\ \end{array}$

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

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





Wire specifications

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

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

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

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

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

Concept

The connection

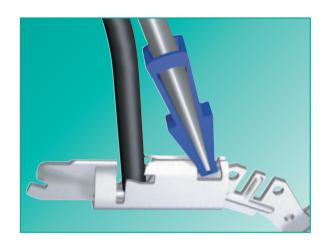
The wire is inserted through the wire entry guide of the block into the clamping body. By operating it with a standard screwdriver, the clamping body is moved and cuts the insulation of the inserted copper wire at a defined point.

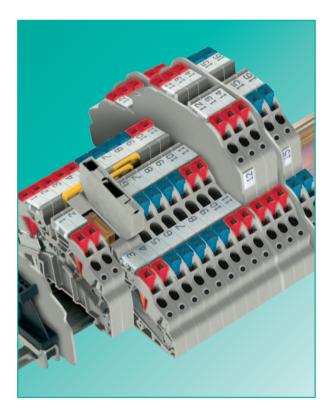
The inserted wire does not move during this operation and therefore cannot slide out of the clamping body when the circuit is closed.

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 mm² 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

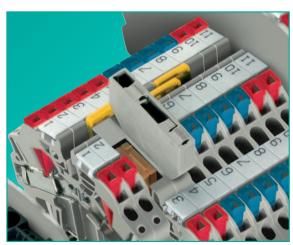
- Knife edge disconnect and disconnect blocks with diode or fuse plugs.
- Disconnect blocks can be jumpered with standard duo 1/2 terminal blocks.

Multi-tier terminal blocks

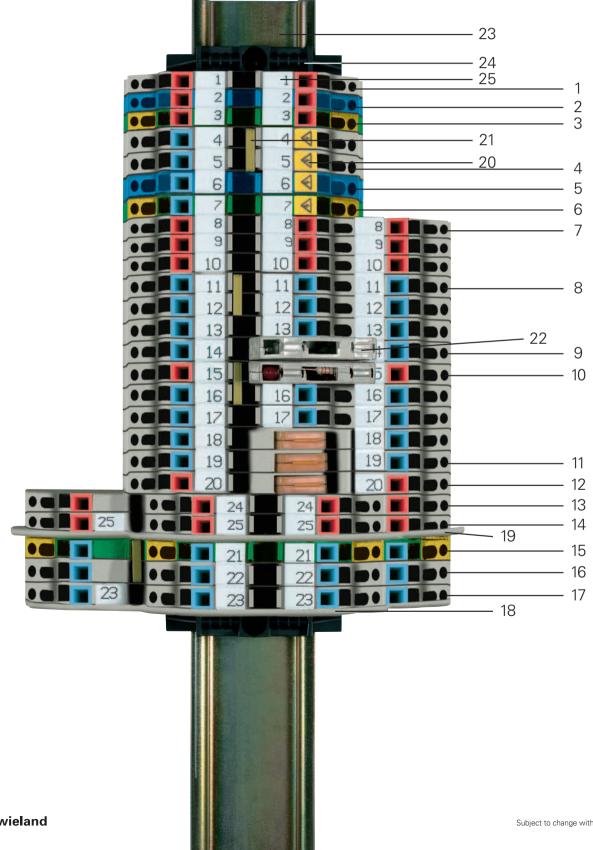
- Multi-tier terminal blocks have the same contour as duo 2/2 terminal blocks.
- Multi-tier terminal blocks as function blocks for diode switching.

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.

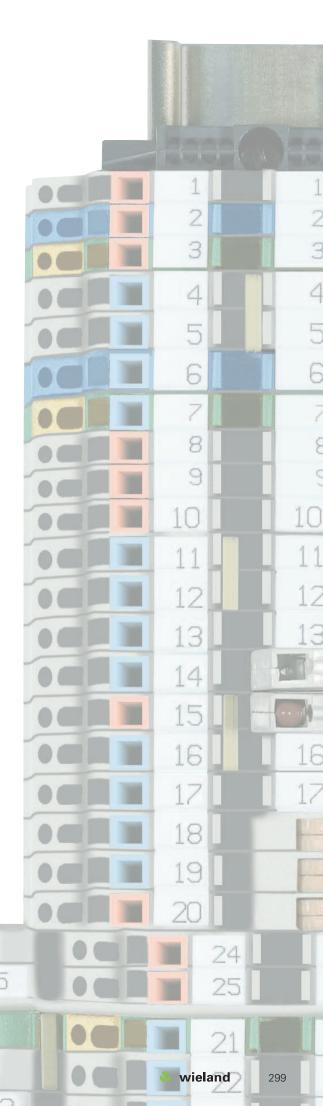


IDC DIN rail terminal blocks, type WKC taris

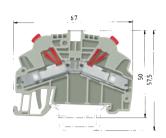


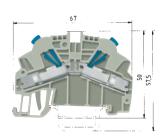
taris sample rail

		_	
Pos.	Description	Туре	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 **€**x II 2GD EEx ell EN 60 947-7-2/DIN VDE 0611 T1 UL ratings CSA ratings KEMA 02 ATEX 2113 U¹⁾ EN 50019/EN 50014 Width Rated cross section Approvals

WKC 1/35

fine-stranded solid Α $0.2 - 1 \text{ mm}^2$ $0.2 - 1 \text{ mm}^2$ 800 V/8 kV/3 13,5 No. 30-18 AWG 600 V 13 No. 24-18 AWG 600 V 13 $0.2 - 1 \text{ mm}^2$ $0.2 - 1 \text{ mm}^2$ 750 V 13,5 $1 \, \text{mm}^2$ KETTA ATEX 🔊 🏵 🛈 🗪

WKC 2,5/35

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

KETTA ATEX 🔊 🏵 🛈 🚱 ex

Type	pprovais		NEUE ALLA MA WHOMES WEEK		NEUS ATEN TO SERVICES			
Peed-through block Blue WKC 1/35 BLAU 56.301.0053.6 100 WKC 25/35 BLAU 56.303.0053.6 100 WKC 25/35 BLAU S6.303.0053.6 100 WKC 25/35 BLAU S6.303.0053.6 100 WKC 25/35 BLAU S6.303.0053.6 100 WKC 25/35 BLAU S6.303.0053.0 100 WKC 25/35 BLAU WKC 25/3			Туре	Part No. Std.	Pack	Туре	Part No. Std	. Pack
Accessories S	Feed-through block	gray	WKC 1/35	56.301.0053.0	100	WKC 2,5/35	56.303.0053.0	100
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 98.300.0000.0 1 35 x 24 x 15 EN 60715 98.300.0000.0 1 2. End clamp for TS 35€7, with screw 8 mm wide 9708/2 S 35 25.522.8553.0 100 9708/2 S 35 25.522.8553.0 100 End clamp for TS 35, screwless 8 mm wide 9708/2 S 35 25.523.9353.0 100 APC 1.2.5 27.312.5053.0 10 3. End plate gray APC 1.2.5 07.312.5053.0 10 APC 1.2.5 BIAU 07.312.5053.0 10 4. Partition plate gray TWC 1.2.5 BIAU 07.312.5053.0 10 TWC 1.2.5 BIAU 07.312.5053.0 10 5. Jumper bar, insulated gray TWC 1.2.5 07.312.5053.0 10 TWC 1.2.5 BIAU 07.312.5053.0 10 6. Jumper bar, insulated 3 pole IVB WKF 2.5-2 27.280.6227.0 10 IVB WKF 4.4 27.261.1227.0 10 <td< td=""><td>Feed-through block</td><td>blue</td><td>WKC 1/35 BLAU</td><td>56.301.0053.6</td><td>100</td><td>WKC 2,5/35 BLAU</td><td>56.303.0053.6</td><td>100</td></td<>	Feed-through block	blue	WKC 1/35 BLAU	56.301.0053.6	100	WKC 2,5/35 BLAU	56.303.0053.6	100
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Blue APC 1-2,5 BLAU O7,312,5053,6 10 APC 1-2,5 BLAU O7,312,5053,6 10 APC 1-2,5 BLAU O7,312,5053,6 10	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
green 4. Partition plate gray TWC 1-2.5 07.312.5153.0 10 TWC 1-2.5 07.312.5153.0 10 5. Jumper bar, 2 pole IVB WKF 2,5-2 27.280.6227.0 10 IVB WKF 4-2 27.261.1227.0 10 6. Jumper bar, 2 pole IVB WKF 2,5-2 27.280.6227.0 10 IVB WKF 4-2 27.261.1227.0 10 6. Jumper bar, 2 pole IVB WKF 2,5-3 27.280.6327.0 10 IVB WKF 4-2 27.261.1227.0 10 1. Jumper bar, 4 pole IVB WKF 2,5-3 27.280.6327.0 10 IVB WKF 4-3 27.261.1327.0 10 1. Jumper bar, 4 pole IVB WKF 2,5-4 27.280.6327.0 10 IVB WKF 4-3 27.261.1327.0 10 1. Jumper bar, 4 pole IVB WKF 2,5-5 27.280.6527.0 10 IVB WKF 4-4 27.261.1327.0 10 1. Jumper bar, 4 pole IVB WKF 2,5-5 27.280.6527.0 10 IVB WKF 4-4 27.261.1427.0 10 1. Jumper bar, 4 pole IVB WKF 2,5-7 27.280.6527.0	3. End plate	gray	APC 1-2,5	07.312.5053.0	10	APC 1-2,5	07.312.5053.0	10
4. Partition plate gray TWC 1-2.5 07.312.5153.0 10 TWC 1-2.5 07.312.5153.0 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 Insulated 4 pole IVB WKF 2,5-4 Z7.280.6327.0 10 IVB WKF 4-4 Z7.261.1327.0 10 Insulated 4 pole IVB WKF 2,5-4 Z7.280.6427.0 10 IVB WKF 4-4 Z7.261.1327.0 10 Insulated 5 pole IVB WKF 2,5-5 Z7.280.6427.0 10 IVB WKF 4-4 Z7.261.1327.0 10 Insulated 5 pole IVB WKF 2,5-5 Z7.280.6527.0 10 IVB WKF 4-4 Z7.261.1427.0 10 Insulated 5 pole IVB WKF 2,5-6 Z7.280.6527.0 10 IVB WKF 4-5 Z7.261.1527.0 10 IVB WKF 4-1 Z7.261.1527.0 20 IVB WKF 4-7 Z7.261.1627.0 20		blue	APC 1-2,5 BLAU	07.312.5053.6	10	APC 1-2,5 BLAU	07.312.5053.6	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 Z7.280.6327.0 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 4-5 Z7.261.1527.0 10 10 pole IVB WKF 2,5-7 Z7.280.6627.0 10 IVB WKF 4-6 Z7.261.1527.0 10 10 pole IVB WKF 2,5-8 Z7.280.6827.0 20 IVB WKF 4-8 Z7.261.1927.0 20 10 pole IVB WKF 2,5-9 Z7.280.6927.0 20 IVB WKF 4-9 Z7.261.1927.0 20 6. Cover w. warning symbol over 4 blocks ADC 1 GELB 04.344.0153.8 <		green						
5. Jumper bar, insulated 2 pole insulated IVB WKF 2,5-2 Z7.280.6227.0 10 IVB WKF 4-2 Z7.261.1227.0 10 insulated 4 pole insulated 3 pole insulated IVB WKF 2,5-3 Z7.280.6327.0 10 IVB WKF 4-4 Z7.261.1327.0 10 4 pole insulated IVB WKF 2,5-4 Z7.280.6427.0 10 IVB WKF 4-4 Z7.261.1427.0 10 5 pole insulated IVB WKF 2,5-5 Z7.280.6627.0 10 IVB WKF 4-5 Z7.261.1427.0 10 6 pole insulated IVB WKF 2,5-5 Z7.280.6527.0 10 IVB WKF 4-5 Z7.261.1427.0 10 6 pole insulated IVB WKF 2,5-6 Z7.280.6527.0 10 IVB WKF 4-5 Z7.261.1527.0 10 6 pole insulated IVB WKF 2,5-6 Z7.280.6627.0 10 IVB WKF 4-5 Z7.261.1527.0 10 7 pole insulated IVB WKF 2,5-7 Z7.280.6627.0 20 IVB WKF 4-6 Z7.261.1527.0 20 8 pole insulated IVB WKF 2,5-8 Z7.280.6627.0 20 IVB WKF 4-7 Z7.261.1927.0 20 8	4. Partition plate	gray	TWC 1-2,5	07.312.5153.0	10	TWC 1-2,5	07.312.5153.0	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 Z7.280.6627.0 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 4-8 Z7.261.1927.0 20 10 pole IVB WKF 2,5-10 Z7.280.7027.0 20 IVB WKF 4-9 Z7.261.1927.0 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		blue	TWC 1-2,5 BLAU	07.312.5153.6	10	TWC 1-2,5 BLAU	07.312.5153.6	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 Z7.280.6627.0 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 4-9 Z7.261.1927.0 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	5. Jumper bar,	2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 4-2	Z7.261.1227.0	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 4-9 Z7.261.1927.0 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	insulated	3 pole	IVB WKF 2,5-3	Z7.280.6327.0	10	IVB WKF 4-3	Z7.261.1327.0	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 ZP/AP PS 07.312.6053.0 10		4 pole	IVB WKF 2,5-4	Z7.280.6427.0	10	IVB WKF 4-4	Z7.261.1427.0	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 ZP/AP PS 07.312.6053.0 10 End/intermediate plate for 6 mm spacing ZP/AP PS 07.312.6053.0 10 ZP/AP PS 07.312.6053.0 10		5 pole	IVB WKF 2,5-5	Z7.280.6527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
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 ZP/AP PS 07.312.6053.0 10 ZP/AP PS 07.312.6053.0 10		6 pole	IVB WKF 2,5-6	Z7.280.6627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
9 pole IVB WKF 2,5-9 Z7.280.6927.0 20 IVB WKF 4-9 Z7.261.1927.0 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 ZP/AP PS 07.312.6053.0 10 End/intermediate plate for 6 mm spacing ZP/AP PS 07.312.6053.0 10 ZP/AP PS 07.312.6053.0 10		7 pole	IVB WKF 2,5-7	Z7.280.6727.0	20	IVB WKF 4-7	Z7.261.1727.0	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 ZP/AP PS 07.312.6053.0 10 End/intermediate plate for 6 mm spacing ZP/AP PS 07.312.6053.0 10 ZP/AP PS 07.312.6053.0 10		8 pole	IVB WKF 2,5-8	Z7.280.6827.0	20	IVB WKF 4-8	Z7.261.1827.0	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 pole	IVB WKF 2,5-9	Z7.280.6927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
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		10 pole	IVB WKF 2,5-10	Z7.280.7027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
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	6. Cover w. warning symbol over 4 block	ks	ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	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	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
End/intermediate plate for 6 mm spacing ZP/AP PS 07.312.6053.0 10 ZP/AP PS 07.312.6053.0 10	8. Modular test plug with spring clamp of	connection	PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
The state of the s	Blank module for jumpered blocks			01.299.9753.0	10		01.299.9753.0	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	End/intermediate plate for 6 mm space	eing	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	Marking accessories also see page 326-3	327				-		

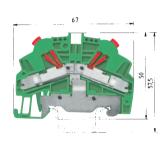
^{*)} In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.

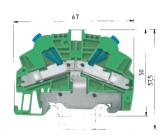
1) Please note the mounting instructions on page 290.

2) Do not use in Ex environments.

¹⁾ Please note the mounting instructions on page 290.

IDC ground blocks, type WKC





0344 ♠ II 2GD EEx eII EN 60 947-7-2/DIN VDE 0611 T1 UL ratings CSA ratings KEMA 02 ATEX 2113 U¹ EN 500

Subject to change without further notice

CSA ratings
KEMA 02 ATEX 2113 U¹⁾ 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

WKC 2,5 SL/35

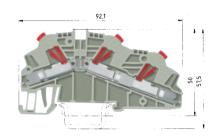
fine-stranded solid V A
1 - 2.5 mm² 1 - 2.5 mm² 800 V/8 kV/3 24
No. 18-14 AWG
No. 16-14 AWG
1 - 2.5 mm² 1 - 2.5 mm² *)
6 mm 2.5 mm²

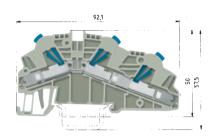
2.5 mm²

301

Approvals		KEMA ATEX ATEX	T C Ex		KEMA ATEX AL CEMANDER OF CER			
		Туре	Part No. Std	. Pack	Туре	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 block	cks	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 spa	cing	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





0344 🕼 II 2GD EEx ell EN 60 947-7-2/DIN VDE 0611 T1 UL ratings CSA ratings KEMA 02 ATEX 2113 U¹⁾ EN 50019/EN 50014 Width

Rated cross section

WKC 1 D1/2/35

fine-stranded solid Α $0.2 - 1 \text{ mm}^2$ $0.2 - 1 \text{ mm}^2$ 800 V/8 kV/3 13.5 No. 30-18 AWG 600 V 13 No. 24-18 AWG 600 V 13 $0.2 - 1 \text{ mm}^2$ $0.2 - 1 \text{ mm}^2$ 750 V 13.5 5 mm $1 \, \text{mm}^2$ -----

WKC 2,5 D1/2/35

fine-stranded solid $1 - 2.5 \text{ mm}^2$ $1 - 2.5 \text{ mm}^2$ 800 V/8 kV/3 24 22 No. 18-14 AWG 600 V No. 16-14 AWG 600 V 20 1 – 2.5 mm² 1 – 2.5 mm² 750 V 24 2.5 mm^2 6 mm

approvals		KEMA ATEX SU SM	® ® Ex		KEMA ATEX SI	Ð Œex	
		Туре	Part No. Std	l. Pack	Туре	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 bloc	cks	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 spa	cing	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.

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¹⁾ Please note the mounting instructions on page 290.

IDC duo ground blocks, type WKC





0344 🐼 II 2GD
EEx ell
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U¹⁾ EN 50019/EN 50014
Width Rated cross section
Approvals

WKC 1 D1/2/SL/35

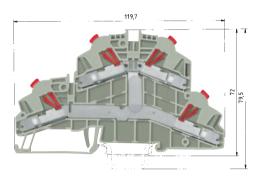
WKC 2,5 D1/2/SL/35

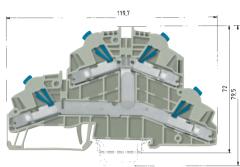
fine-stranded solid V A
1 − 2.5 mm² 1 − 2.5 mm² 800 V/8 kV/3 24
No. 18-14 AWG
No. 16-14 AWG
1 − 2.5 mm² 1 − 2.5 mm² *
6 mm 2.5 mm²

ATEX \$\mathbb{A}\sqrt{\pmathbb{E}}\$ \$\mathbb{E}_{Ex}\$

approvais		KEOR ALEX AL APPROVED	P GP Ex		KEWS ALEX AT APPROVED OF GEX			
		Туре	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	
Duo grouna biook	greenyonev	VII.0 1 D 1/2/02/00	00.001.0000.0		***************************************	00.000.0000.0		
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 block	cks	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 spa	acing	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





0344 🐑 II 2GD
EEx eII
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U¹⁾ EN 50019
Width Rated

KEMA 02 ATEX 2113 U¹⁾ EN 50019/EN 50014
Width Rated cross section
Approvals

WKC 1 D2/2/35

fine-stranded solid $0.2 - 1 \text{ mm}^2$ $0.2 - 1 \text{ mm}^2$ 500 V/6 kV/3 13.5 No. 30-18 AWG 600 V 13 No. 24-18 AWG 300/600 V* 13 $0.2 - 1 \text{ mm}^2$ $0.2 - 1 \text{ mm}^2$ 550 V 13.5 5 mm $1 \, \text{mm}^2$ KEMA ATEX **91** EM (1) Ex

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 2.5 mm²

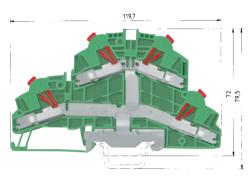
KETTA ATEX 🔊 🏵 🛈 👀 ex

gray blue L = 2 m L = 2 m	WKC 1 D2/2/35 WKC 1 D2/2/35 BLAU 35 x 27 x 7,5 EN 60715	56.301.5153.0 56.301.5153.6	50	WKC 2,5 D2/2/35 WKC 2,5 D2/2/35 BLAU	56.303.5153.0 56.303.5153.6	50
L = 2 m		56.301.5153.6	50	WKC 2,5 D2/2/35 BLAU	56.303.5153.6	50
	35 x 27 x 7.5 EN 60715					
	35 x 27 x 7.5 EN 60715					
	35 x 27 x 7.5 EN 60715					
	35 x 27 x 7.5 EN 60715					
L = 2 m		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
8 mm wide	9708/2 S 35	Z5.522.8553.0	100	9708/2 S 35	Z5.522.8553.0	100
8 mm wide	WEF 1/35	Z5.523.9353.0	100	WEF 1/35	Z5.523.9353.0	100
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						
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
2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
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
	ADC 1 GELB	04.344.0153.8	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
nection	PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
		01.299.9753.0	10		01.299.9753.0	10
	ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	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
	*300 V for use aroup	С				
	8 mm wide 8 mm wide gray blue green gray blue 2 pole 3 pole 4 pole 5 pole 6 pole 7 pole 8 pole 9 pole 10 pole	8 mm wide 9708/2 S 35 8 mm wide WEF 1/35 gray APC 1-2,5 D2./E. blue APC 1-2,5 D2./E. BLAU green gray TWC 1-2,5 D2./E. BLAU 2 pole IVB WKF 2,5-2 3 pole IVB WKF 2,5-3 4 pole IVB WKF 2,5-4 5 pole IVB WKF 2,5-6 6 pole IVB WKF 2,5-6 7 pole IVB WKF 2,5-7 8 pole IVB WKF 2,5-8 9 pole IVB WKF 2,5-9 10 pole IVB WKF 2,5-9 10 pole IVB WKF 2,5-10 ADC 1 GELB WK 2,5 ST 2/2,3 PS WKC/F *300 V for use group 600 V for use group	8 mm wide 9708/2 S 35 Z5.522.8553.0 8 mm wide WEF 1/35 Z5.523.9353.0 gray APC 1-2,5 D2./E. 07.312.5453.0 blue APC 1-2,5 D2./E. BLAU 07.312.5453.6 green gray TWC 1-2,5 D2./E. BLAU 07.312.5553.0 blue TWC 1-2,5 D2./E. BLAU 07.312.5553.6 2 pole IVB WKF 2,5-2 Z7.280.6227.0 3 pole IVB WKF 2,5-3 Z7.280.6327.0 4 pole IVB WKF 2,5-4 Z7.280.6327.0 5 pole IVB WKF 2,5-5 Z7.280.6527.0 6 pole IVB WKF 2,5-6 Z7.280.6527.0 7 pole IVB WKF 2,5-6 Z7.280.6627.0 7 pole IVB WKF 2,5-7 Z7.280.6627.0 8 pole IVB WKF 2,5-8 Z7.280.6627.0 9 pole IVB WKF 2,5-9 Z7.280.6927.0 10 pole IVB WKF 2,5-9 Z7.280.6927.0 ADC 1 GELB 04.344.0153.8 WK 2,5 ST 2/2,3 Z5.553.2921.0 PS WKC/F Z1.299.9753.0 DIN 5264 B 0,6 x 3,5 06.502.4000.0	8 mm wide 9708/2 S 35	8 mm wide 9708/2 S 35	8 mm wide 9708/2 S 35

^{*)} In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.

Please note the mounting instructions on page 290.

IDC duo ground blocks, type WKC





0344 🐼 II 2GD
EEx eII
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U¹⁾ EN 50019/EN 50014
Width Rated cross section

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

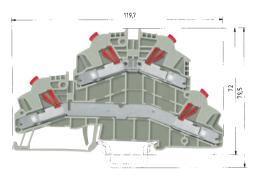
WKC 2,5 D2/2/SL/35

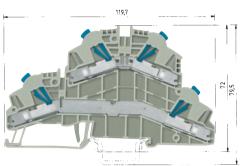
fine-stranded solid V A
1 - 2.5 mm² 1 - 2.5 mm² 500 V/6 kV/3 24
No. 18-14 AWG
No. 16-14 AWG
1 - 2.5 mm² 1 - 2.5 mm² *)
6 mm 2.5 mm²
2.5 mm²

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Approvals		ATEX PL FEW &		KETTO ATEX 91 SEM			
		Туре	Part No. Sto	I. Pack	Туре	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 bloo	cks	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 spa	cing	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





0344 🔊 II 2GD
EEx eII
EN 60 947-7-2/DIN VDE 0611 T1
UL ratings
CSA ratings
KEMA 02 ATEX 2113 U¹⁾ EN 50019/EN 50014
Width Rated cross section

WKC 1 E/35

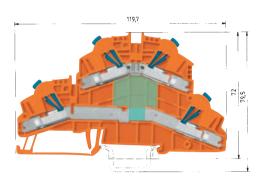
fine-stranded solid V A 0.2 − 1 mm² 0.2 − 1 mm² 500 V/6 kV/3 13.5 No. 30-18 AWG 600 V 13 No. 24-18 AWG 300/600 V 13 0.2 − 1 mm² 0.2 − 1 mm² 550 V 13.5 5 mm 1 mm²

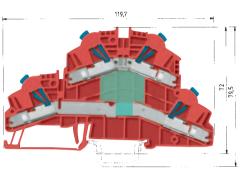
WKC 2.5 E/35

TTICO E,O E	00		
fine-stranded	solid	V	Α
1 – 2.5 mm ²	1 – 2.5 mm ²	500 V/6 kV/3	24
No. 18-14 AWG	i	600 V	22
No. 16-14 AWG	i	300/600 V	20
1 – 2.5 mm ²	1 – 2.5 mm ²	550 V	24
6 mm		2.5	mm²
	^		

gray blue = 2 m = 2 m m wide m wide gray blue green gray	Type WKC 1 E/35 WKC 1 E/35 35 x 27 x 7,5 EN 60715 35 x 24 x 15 EN 60715 9708/2 S 35 WEF 1/35 APC 1-2,5 D2./E. APC 1-2,5 D2./E. BLAU	56.301.7053.0 56.301.7053.6 98.300.0000.0 98.360.0000.0 Z5.522.8553.0 Z5.523.9353.0 07.312.5453.0		Type WKC 2,5 E/35 WKC 2,5 E/35 35 x 27 x 7,5 EN 60715 35 x 24 x 15 EN 60715 9708/2 S 35	Part No. Std. f 56.303.7053.0 56.303.7053.6 98.300.0000.0 98.360.0000.0	Pack 50 50 1
blue = 2 m = 2 m wide m wide gray blue green	WKC 1 E/35 35 x 27 x 7,5 EN 60715 35 x 24 x 15 EN 60715 9708/2 S 35 WEF 1/35 APC 1-2,5 D2./E.	98.300.0000.0 98.360.0000.0 Z5.522.8553.0 Z5.523.9353.0 07.312.5453.0	1 1 1 100	WKC 2,5 E/35 35 x 27 x 7,5 EN 60715 35 x 24 x 15 EN 60715	56.303.7053.6 98.300.0000.0	50
_ = 2 m _ = 2 m m wide m wide gray blue green	35 x 27 x 7,5 EN 60715 35 x 24 x 15 EN 60715 9708/2 S 35 WEF 1/35 APC 1-2,5 D2./E.	98.300.0000.0 98.360.0000.0 Z5.522.8553.0 Z5.523.9353.0 07.312.5453.0	1 1 100	35 x 27 x 7,5 EN 60715 35 x 24 x 15 EN 60715	98.300.0000.0	1
m wide gray blue green	35 x 24 x 15 EN 60715 9708/2 S 35 WEF 1/35 APC 1-2,5 D2./E.	98.360.0000.0 Z5.522.8553.0 Z5.523.9353.0 07.312.5453.0	1 100	35 x 24 x 15 EN 60715		•
m wide gray blue green	35 x 24 x 15 EN 60715 9708/2 S 35 WEF 1/35 APC 1-2,5 D2./E.	98.360.0000.0 Z5.522.8553.0 Z5.523.9353.0 07.312.5453.0	1 100	35 x 24 x 15 EN 60715		•
m wide gray blue green	35 x 24 x 15 EN 60715 9708/2 S 35 WEF 1/35 APC 1-2,5 D2./E.	98.360.0000.0 Z5.522.8553.0 Z5.523.9353.0 07.312.5453.0	1 100	35 x 24 x 15 EN 60715		•
m wide m wide gray blue green	9708/2 \$ 35 WEF 1/35 APC 1-2,5 D2./E.	Z5.522.8553.0 Z5.523.9353.0 07.312.5453.0	100		98.360.0000.0	1
m wide gray blue green	WEF 1/35 APC 1-2,5 D2./E.	Z5.523.9353.0 07.312.5453.0		9708/2 \$ 35		
gray blue green	APC 1-2,5 D2./E.	07.312.5453.0		3700/2000	Z5.522.8553.0	100
blue			100	WEF 1/35	Z5.523.9353.0	100
green	APC 1-2,5 D2./E. BLAU		10	APC 1-2,5 D2./E.	07.312.5453.0	10
		07.312.5453.6	10	APC 1-2,5 D2./E. BLAU	07.312.5453.6	10
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
2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
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
	ADC 1 GELB	04.344.0153.8	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
ion	PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
		01.299.9753.0	10		01.299.9753.0	10
	ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	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
	*300 V for use group) C				
Marking accessories also see page 326-327						
	on	10 pole IVB WKF 2,5-10 ADC 1 GELB WK 2,5 ST 2/2,3 on PS WKC/F ZP/AP PS DIN 5264 B 0,6 x 3,5 *300 V for use group 600 V for use group	10 pole IVB WKF 2,5-10 Z7.280.7027.0 ADC 1 GELB 04.344.0153.8 WK 2,5 ST 2/2,3 Z5.553.2921.0 on PS WKC/F Z1.299.9753.0 ZP/AP PS 07.312.6053.0 DIN 5264 B 0,6 x 3,5 06.502.4000.0 *300 V for use group C 600 V for use group D, E	10 pole	10 pole	10 pole IVB WKF 2,5-10 Z7.280.7027.0 20 IVB WKF 4-10 Z7.261.2027.0 ADC 1 GELB 04.344.0153.8 10 ADC 2,5 GELB 04.344.0353.8 WK 2,5 ST 2/2,3 Z5.553.2921.0 10 WK 2,5 ST 2/2,3 Z5.553.2921.0 on PS WKC/F Z1.299.9753.0 10 PS WKC/F Z1.299.9753.0 10 C1.299.9753.0 ZP/AP PS 07.312.6053.0 10 ZP/AP PS 07.312.6053.0 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 **300 V for use group C 600 V for use group D, E

IDC function blocks, type *WKC*





WKC 2,5 E/35...

EN 60 947-7-1 UL ratings CSA ratings

KEMA ... ATEX ... Width

Rated cross section

 $\begin{array}{ll} \text{fine-stranded} & \text{solid} \\ 1-2.5 \text{ mm}^2 & 1-2.5 \text{ mm}^2 \end{array}$ No. 18-14 AWG

No. 16-14 AWG

 2.5 mm^2 6 mm

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

Examples of functions

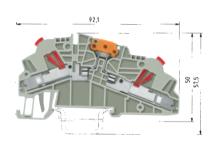
approvals		FL 6					
		Туре	Part No. Std.	. Pack	56.303.7553.9	о <u></u>	
Double-tier block	red	WKC 2,5 E/35	56.303.xx53.5	50	56.303.7553.5		
Double-tier block	orange	WKC 2,5 E/35	56.303.xx53.9	50	-		
Accessories					50,000,7450,5		
1. Mounting rail 35, 7.5 mm high	L = 2 m	35 x 27 x 7,5 EN 60715	98.300.0000.0	1	56.303.7153.5		
Mounting rail 35, 15 mm high	L = 2 m	35 x 24 x 15 EN 60715	98.360.0000.0	1	56.303.7153.9	○ • • • • • • • • • • • • • • • • • • •	
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			I = 1 A
3. End plate	gray	APC 1-2,5 D2./E.	07.312.5453.0	10	56.303.8053.9	<u> </u>	U = 1000 V
	blue					0 0	U = 1000 V
	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	56.303.8253.5		I = 1 A
5. Jumper bar,	2 pole	IVB WKF 4-2	Z7.261.1227.0	10			U = 1000 V
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	56.303.7953.5	•	I = 1 A
	6 pole	IVB WKF 4-6	Z7.261.1627.0	10		<u></u>	U = 1000 V
	7 pole	IVB WKF 4-7	Z7.261.1727.0	20			
	8 pole	IVB WKF 4-8	Z7.261.1827.0	20		Го <u></u>	
	9 pole	IVB WKF 4-9	Z7.261.1927.0	20	56.303.8353.5		I = 1 A
	10 pole	IVB WKF 4-10	Z7.261.2027.0	20		<u>○ </u>	U = 1000 V
6. Cover w. warning symbol over 4 blo	ocks	ADC 2,5 GELB	04.344.0353.8	10			
7. Test plug		WK 2,5 ST 2/2,3	Z5.553.2921.0	10			R = 4.7 KΩ
8. Modular test plug with spring clamp	connection	PS WKC/F	Z1.299.9753.0	10	56.303.7453.9	<u>↑</u> → → → ○	P = 0.5 W
Blank module for jumpered blocks			01.299.9753.0	10	LED red	· · · · · · · · ·	U = 24 V DC
End/intermediate plate for 6 mm spa	acing	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			R = 4.7 KΩ
					56.303.7253.5	¥ ¥	P = 0.5 W
					LED red	0 0	U = 24 V DC
							R = 680 KΩ
					56.303.7353.5		P = 0.25 W
					55.500.7555.5		U = 100-500 V
					_		: alama

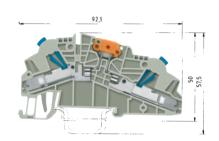
wieland Subject to change without further notice

307

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.





20

22

 2.5 mm^2

EN 60 947-7-1 UL ratings

CSA ratings KEMA ... ATEX ...

Width

Approvals

Rated cross section

WKC 1 TKM/35 WKC 2,5 TKM/35

fine-stranded solid fine-stranded solid $0.2 - 1 \text{ mm}^2$ $0.2 - 1 \text{ mm}^2$ 1 – 2.5 mm² 800 V/8 kV/3 800 V/8 kV/3 13.5 1 – 2.5 mm² No. 30-18 AWG No. 18-14 AWG 600 V 13 600 V No. 24-18 AWG 300/600 V* 13 No. 16-14 AWG 300/600 V*

6 mm $1 \, \text{mm}^2$ 6 mm KEMA **71 (** KEMA **711** (1)

		Туре	Part No. Std	. Pack	Туре	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 blo	ocks	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 spa	acing	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	5-327	600 V for use group	D, E				

taris

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



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

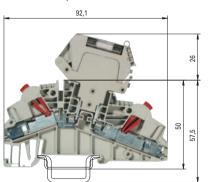
Indicator 250 V Lamp color: white

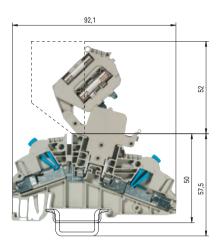
Power consumption: 0.35 mA

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

UL ratings CSA ratings KEMA ... ATEX ...

Width Rated cross section The standard block includes a location for a replacement fuse.





WKC 1 TKG/35 with fuse disconnect lever

fine-stranded	solid	V	Α
$0.2 - 1 \text{ mm}^2$	$0.2 - 1 \text{ mm}^2$	800 V/8 kV/3 ²⁾	1)
No. 30-18 AWG	i	600 V*	6.3
No. 24-18 AWG	i	300 V	6.3

 1 mm^2 6 mm

WKC 2,5 TKG/35

fine-stranded solid

1 – 2.5 mm²

No. 16-14 AWG

No. 16-14 AWG

with fuse disconnect lever

1 – 2.5 mm² 800 V/8 kV/3²⁾

300 V 6.3 2.5 mm^2

600 V*

1)

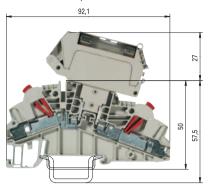
6.3

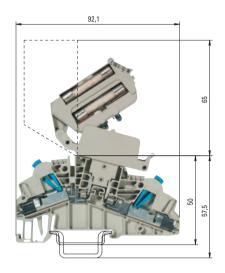
6 mm

pprovals		FL (1)		KEWA 91 @	
		Туре	Part No. Std. Pack	Туре	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	0 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 block	ks	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		
Marking accessories also see page 326-3	327	600 V for use group	D, E		

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

tine-stranded	solid	V	А
$0.2 - 1 \text{ mm}^2$	$0.2 - 1 \text{ mm}^2$	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 mm³⁾

 1 mm^2

WKC 2,5 TKG/35 with fuse disconnect lever

 $6 \text{ mm} + 4 \text{ mm}^{3)}$

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

 $2.5 \, mm^2$

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

Туре	Rated voltage		rload ection		usive it protection
		Single arrangem.	Group arrangem.	Single arrangem.	Group arrangem.
THSI 5x20 THSI 6,3x32	250 V 500 V	1.6 W 2.5 W	1.6 W 1.6 W	4.0 W 4.0 W	2.5 W 2.5 W

rema qu			Kema 91 @				
Туре	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

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

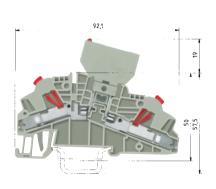
Indicator (220 V) Lamp color: red

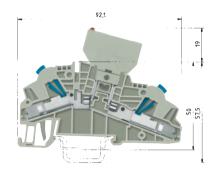
Power consumption: 0.3 mA

EN 60 947-7-1, EN 60 127-6 UL ratings CSA ratings KEMA ... ATEX ...

Width Rated cross section

Approvals





WKC 1 TKG/35 with fuse holder

6 mm

KEMA **71 (P**

fine-stranded	solid	V	Α
0.2 – 1 mm ²	$0.2 - 1 \text{ mm}^2$	800 V/8 kV/3	1)
No. 30-18 AWG	ì	600 V*	6.3
No. 24-18 AWG	ì	300 V	6.3

1 mm²

 with fuse holder

 fine-stranded
 solid
 V

 1 - 2.5 mm²
 1 - 2.5 mm²
 800 V/8 kV/3

1)

WKC 2,5 TKG/35

No. 16-14 AWG 600 V* 6.3 No. 16-14 AWG 300 V 6.3

6 mm 2.5 mm² **₹1 €**

		Туре	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 blo	cks	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 spa	acing	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	o 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)

Туре	Rated voltage	Overload protection			lusive it protection
		Single arrangem.	Group arrangem.	Single arrangem.	Group arrangem.
SIST	250 V	1.6 W	1.6 W	2.5 W	1.6 W

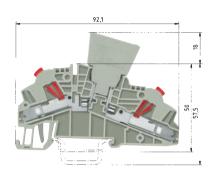
The power load is determined by the installed component³⁾

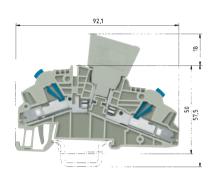
Temporary peak voltage 1000 V

Cathode⁴⁾ Direction Anode of the diode: Cathode Anode⁵⁾

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

Width Rated cross section





WKC 1 TKG/35 with diode plug

fine-stranded 0.2 – 1 mm ² No. 24-18 AWG No. 24-18 AWG	0.2 – 1 mm ²	V 800 V/8 kV/3 300/600 V* 300/600 V	3)	fine-stranded solid 1 – 2.5 mm ² 1 – 2.5 mm ² No. 16-14 AWG No. 16-14 AWG	
No. 24-18 AVVC	ı	300/600 V	3)	No. 16-14 AVVG	

6 mm

 1 mm^2 6 mm

WKC 2,5 TKG/35

with diode plug

2.5 mm²

3)

800 V/8 kV/3

300/600 V*

300/600 V

pprovals		Kewa 71 (9		Kema 71 (1	
		Туре	Part No. Std. Pack	Туре	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 4007-14)	Z1.299.3155.0 10	DIST-1 N 4007-14)	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 block	s	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 co	onnection	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 spaci	ng	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

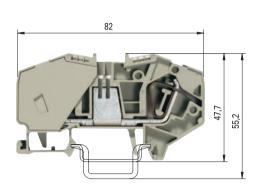
Supply blocks for potential distribution **taris**

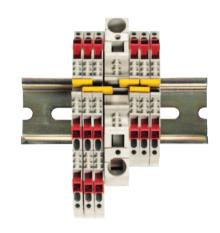
Potential distribution with standard jumper bar IVB WKF...

on taris DIN rail terminal blocks

- Parallel connection of two jumper bars possibledouble jumpering
- Potential distributions are possible on one or both sides

$$I_{\text{max}} = \sum I_{\text{n}} \leq \sum I_{\text{Nblock}}$$





EN 60 947-7-1/ DIN VDE 0611 T1

UL ratings CSA ratings KEMA ... ATEX ...

Width

Approvals

Rated cross section

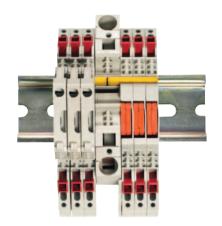
WKF 16/35 PV/WKC

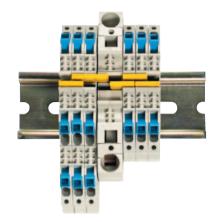
fine-stranded solid/stranded V A
4 – 16 mm² 4 – 16 mm² 800 V/8 kV/3 76
No. 12-6 AWG 600
No. 12-6 AWG 600

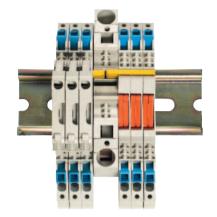
Potential distribution	In A	Imax	In ,	Imax
Jumpering	one	side	both	sides
Jumpening	single	double	single	double
I _{max}	40.5	40.5	72	76
I _{Nblock}	13.5	13.5	13.5	13.5

provais		CIL ZSEV (NV) HINA DI	Perialing.	. AILA	NUIOCK		
		Туре	Part No. Std.	Pack	Туре	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, 7.5 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		100	9708/2 S 35	Z5.522.8553.0	
End clamp for TS 35, with screw	8 mm wide	WEF 1/35	Z5.522.8353.0 Z5.523.9353.0		WEF 1/35	Z5.522.8353.0 Z5.523.9353.0	100
3. End plate		VVLI 1/33	20.023.9303.0	100	APC 1-2.5	07.312.5053.0	100
o. Lina piate	gray				APC 1-2,5 APC 1-2,5 D1/TK	07.312.5053.0	10
Segment end plate ¹⁾	gray				SAPC 1-2,5 D1/TK		10
<u> </u>	gray				,.	07.312.7953.0	10
4. Jumper bar,	2 pole 3 pole	1			IVB WKF 2,5-2 IVB WKF 2,5-3	Z7.280.6227.0	-
insulated						Z7.280.6327.0	10
	4 pole	.			IVB WKF 2,5-4	Z7.280.6427.0	10
	5 pole	dan andia		-1-	IVB WKF 2,5-5	Z7.280.6527.0	10
	6 pole	aepenain	g on the output blo	OCK	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 block	<s .<="" td=""><td>ADF 16/4 GELB</td><td>04.343.6653.8</td><td>10</td><td>ADC 1 GELB</td><td>04.344.0153.8</td><td>10</td></s>	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 326-3	327						
1) If these blocks are latched onto a supply bloc		le, a segment end plate SA	APC 1-2,5 must be use	ed.			
The jumpering is possible without loss of spa	cing.						

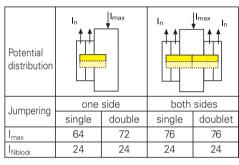
Supply blocks for potential distribution







Potential distribution	In	Imax	I _n	Imax
Jumpering	one	side	both	sides
Jumpening	single	double	single	double
I _{max}	40.5 40.5		72	76
I _{Nblock}	13.5*	13.5*	13.5*	13.5*



Potential distribution	I _n	Imax	In ,	Imax
Jumpering	one	side	both	sides
Jumpening	single	double	single	double
I _{max}	64	72	76	76
I _{Nblock}	20*	20*	20*	20*

Туре	Part No. Std.	Pack	Type	Part No. Sto	I. Pack	Туре	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			
WKC 1 TKM/35 ¹⁾	56.301.2053.0	50				WKC 2,5 TKM/35 ¹⁾	56.303.2053.0	50
WKC 1 TKG/35 ¹⁾	56.301.4053.0	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 27 x 7.5 EN 60715	98.300.0000.0	1	35 x 27 x 7.5 EN 60715	98.300.0000.0	1
35 x 27 x 7,5 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1	35 x 24 x 15 EN 60715	98.360.0000.0	1
					· ·	9708/2 S 35		100
9708/2 S 35	Z5.522.8553.0		9708/2 \$ 35	Z5.522.8553.0	100	· · · · · · · · · · · · · · · · · · ·	Z5.522.8553.0	
WEF 1/35	Z5.523.9353.0	100	WEF 1/35 APC 1-2,5	Z5.523.9353.0	100	WEF 1/35 APC 1-2,5	Z5.523.9353.0	100
ADC 1 2 F D1/TV	07 212 5252 2	10		07.312.5053.0		· · · · · · · · · · · · · · · · · · ·	07.312.5053.0	
APC 1-2,5 D1/TK	07.312.5253.0	10	APC 1-2,5 D1/TK	07.312.5253.0	10	APC 1-2,5 D1/TK	07.312.5253.0	10
SAPC 1-2,5	07.312.7953.0	10	SAPC 1-2,5	07.312.7953.0	10	SAPC 1-2,5	07.312.7953.0	10
IVB WKF 4-2	Z7.261.1227.0	10	IVB WKF 4-2	Z7.261.1227.0	10	IVB WKF 4-2	Z7.261.1227.0	10
IVB WKF 4-3	Z7.261.1327.0	10	IVB WKF 4-3	Z7.261.1327.0	10	IVB WKF 4-3	Z7.261.1327.0	10
IVB WKF 4-4	Z7.261.1427.0	10	IVB WKF 4-4	Z7.261.1427.0	10	IVB WKF 4-4	Z7.261.1427.0	10
IVB WKF 4-5	Z7.261.1527.0	10	IVB WKF 4-5	Z7.261.1527.0	10	IVB WKF 4-5	Z7.261.1527.0	10
IVB WKF 4-6	Z7.261.1627.0	10	IVB WKF 4-6	Z7.261.1627.0	10	IVB WKF 4-6	Z7.261.1627.0	10
IVB WKF 4-7	Z7.261.1727.0	20	IVB WKF 4-7	Z7.261.1727.0	20	IVB WKF 4-7	Z7.261.1727.0	20
IVB WKF 4-8	Z7.261.1827.0	20	IVB WKF 4-8	Z7.261.1827.0	20	IVB WKF 4-8	Z7.261.1827.0	20
IVB WKF 4-9	Z7.261.1927.0	20	IVB WKF 4-9	Z7.261.1927.0	20	IVB WKF 4-9	Z7.261.1927.0	20
IVB WKF 4-10	Z7.261.2027.0	20	IVB WKF 4-10	Z7.261.2027.0	20	IVB WKF 4-10	Z7.261.2027.0	20
ADC 1 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10	ADC 2,5 GELB	04.344.0353.8	10
WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10	WK 2,5 ST 2/2,3	Z5.553.2921.0	10
DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
*) For disconnect blocks								
current is determined	by the integrated fus	se. (see page 297)						

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.

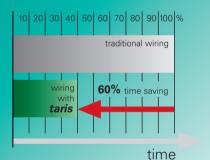


taris HYBRID offers...

- ... for factory wiring
- □ IDC technology

User-friendly
Reduced wiring times
Compact design
Screwdriver guide

- **Application advantages**
- → No special tools required
- → No stripping necessary
- → Reduces panel space
- → Indicates open or closed state of the contact



- ... for field wiring
- ☐ Screw technology
 TOP entry system
 - Wide range of conductor types
- → Well known termination technology
- → Wire and screwdriver entry in same plane
- → 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



solid/stranded copper

stranded copper solid copper

stranded copper with ferrules

torque specification

→ Connection and wire gauge

 $\mathbf{C} = 0.2 - 1 \text{ mm}^2 / \text{AWG } 24-18$

 $S = 0.5 - 2.5 \text{ mm}^2 / \text{AWG } 22-12$

 $S = 0.5 - 4 \text{ mm}^2$ / AWG 22-12

 $\mathbf{S} = 0.5 - 2.5 \text{ mm}^2 / \text{AWG } 22 \cdot 12$

S = 0.4 - 0.6 Nm (M2.5)



solid/stranded copper

stranded copper solid copperr

stranded copper with ferrules

torque specification

→ Connection and wire gauge

 $\mathbf{C} = 1 - 2.5 \text{ mm}^2 / \text{AWG } 16-14$

 $S = 0.5 - 4 \text{ mm}^2$ / AWG 22-10

 $S = 0.5 - 6 \text{ mm}^2$ / AWG 22-10

 $S = 0.5 - 4 \text{ mm}^2$ / AWG 22-10

 $\mathbf{S} = 0.5 - 0.7 \text{ Nm (M3)}$



316

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
- ☐ 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 configuration and quick final testing during manufacturing.



- ☐ 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

Materials

☐ Metal parts:

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

Clamping body: tin-plated copper

Busbar: tin-plated copper Mounting foot: tin-plated brass

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.

□ 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)



Reg. Nr. 14 194-02

wieland

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

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

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

Note

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

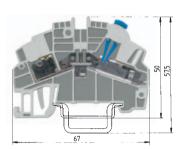
The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to. For this purpose, Wieland offers a large selection of appopriate accessories.

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

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

fine-stranded solid 0.21 – 1 mm² 0.21 – 1 mm² 800 V/8 kV/3 13.5 0.5 – 2.5 mm² 0.5 – 4 mm² 800 V/8 kV/3 13.5 No. 24-18 AWG 600 V 13 No. 22-12 AWG 600 V

fine-stranded solid 1 – 2.5 mm² 1 – 2.5 mm² 800 V/8 kV/3 24 $0.5 - 4 \text{ mm}^2$ $0.5 - 6 \text{ mm}^2$ 800 V/8 kV/3 24 No. 22-12 AWG 600 V 20 No. 22-10 AWG 600 V

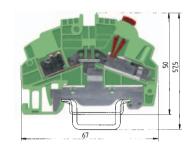
10 mm

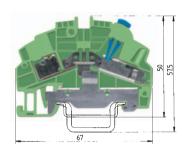
Rated cross section 5 mm 10 mm 6 mm

9) UR	
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pprovals			91/ (1)			91/ (1)		
			Туре	Part No. Std.	Pack	Туре	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 sy	mbol over 4 blocks	S						
	Terminat	tion point "C"	ADC 1/4 GELB	04.344.0153.8	10	ADC 2,5 GELB	04.344.0353.8	10
	Terminat	tion 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 wi	ith spring clamp co	onnection	PS WKC/F	Z1.299.9753.0	10	PS WKC/F	Z1.299.9753.0	10
Blank module for jun	npered blocks			01.299.9753.0	10		01.299.9753.0	10
End/intermediate pla	te for 6 mm spacir	ng	ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsu	lated		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, uninsu	lated, 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 blocks with IDC and spring clamp connection, type WKC...F/C





1 – 2.5 mm²

 $0.5 - 6 \text{ mm}^2$

WKC 2,5 S/C/SL/35

fine-stranded solid

 $1 - 2.5 \text{ mm}^2$

 $0.5 - 4 \text{ mm}^2$

B LR

No. 22-12 AWG

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

Rated cross section

EN 60 947-7-1 **IDC**

UL ratings

Width

Approvals

CSA ratings KEMA ... ATEX ...

EN 60 947-7-1 Screw

WKC 1 S/C/SL/35

FL (1)

No. 22-12 AWG No. 22-10 AWG 5 mm 10 mm 6 mm

Туре Std. Pack Std. Pack Feed-through block gray Feed-through block blue **Ground block** WKC 2,5 S/C/SL/35 green/yellow WKC 1 S/C/SL/35 56.351.9053.0 100 56.353.9053.0 100 Accessories 1. Mounting rail 35, 7.5 mm high L = 2 m35 x 27 x 7.5 EN 60715 98.300.0000.0 35 x 27 x 7.5 EN 60715 98.300.0000.0 Mounting rail 35, 15 mm high L = 2 m35 x 24 x 15 EN 60715 98.360.0000.0 35 x 24 x 15 EN 60715 98.360.0000.0 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 4. Partition plate 1.5 mm wide arav 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 ADC 2,5 GELB 04.344.0153.8 10 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 ZP/AP PS 07.312.6053.0 10 9. Screw driver, uninsulated DIN 5264 B 0,6 x 3,5 06.502.4000.0 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 DIN 5264 B 0,6 x 3,5 M 06.502.5000.0

Α

24

24

10 mm

800 V/8 kV/3

800 V/8 kV/3

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

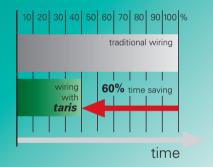
- ... for factory wiring
- □ IDC technology

User-friendly Reduced wiring times Compact design

Screwdriver guide

Application advantages

- → No special tools required
- → No stripping necessary
- → Reduces panel space
- Indicates open or closed state of the

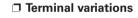


- ... for field wiring
- ☐ Spring clamp connection technology

TOP entry system

Wide range of conductor types

- → Universally known and accepted connection technique
- Clear wiring in difficult and confined wiring applications
- → No restriction of the conductors with regard to the selected insulating material



- → Feed-through and ground
- Identification in the type description C = IDC technology
 - **F** = spring clamp connection
- Indication of the position WKC 1... red indicator

WKC 2.5... blue indicator



WKC 1 F/C...

solid or fine-stranded copper conductor

fine-stranded copper conductor solid copper conductor fine-stranded copper conductor with ferrule

→ Termination points

 $C = 0.2 - 1 \text{ mm}^2 / AWG 24-18$

 $\mathbf{F} = 0.13 - 4 \text{ mm}^2 / \text{AWG } 22-10$

 $\mathbf{F} = 0.13 - 6 \text{ mm}^2 / \text{AWG } 22 - 10$ $\mathbf{F} = 0.13 - 4 \text{ mm}^2 / \text{AWG } 22 - 10$



WKC 2,5 F/C..

solid or fine-stranded copper conductor

fine-stranded copper conductor solid copper conductor fine-stranded copper conductor with ferrule

→ Termination points

 $C = 1 - 2.5 \text{ mm}^2$ / AWG 16-14

 $\mathbf{F} = 0.13 - 4 \text{ mm}^2 / \text{AWG } 22-10$

 $\mathbf{F} = 0.13 - 6 \text{ mm}^2 / \text{AWG } 22-10$

 $\mathbf{F} = 0.13 - 4 \text{ mm}^2 / \text{AWG } 22-10$

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





- □ taris provides built-in test points for all its blocks, therefore measurements can be performed without having to remove the
- ☐ 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 configuration and quick final testing during manufacturing.



- ☐ 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

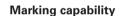
Materials

☐ 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



- 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.

■ 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)



- ☐ Cover with warning symbol **ADC** to snap on to blocks which remain live after the
- Cover can only be removed with a screwdriver

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.

mains have been switched off (VDE 0113)

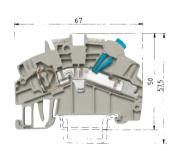


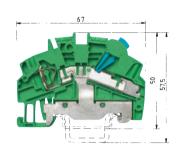
- Quality standard as per DIN ISO 9001
- ☐ in Development, Production, Assembly
- Continued control of the quality standard by means of regular internal and external quality audits
- Compatible with certificates of other countries:
 - BSI Certificate, Great Britain
 - SQS Certificate, Switzerland - Aib-Vincotte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



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

taris HYBRID





Termination point " \mathbf{F} " = spring clamp connection Termination point " \mathbf{C} " = IDC technology

WKC 2,5 F/C/35

WKC 2,5 F/C/SL/35

24

24

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

fine-stranded solid 1 – 2.5 mm² 1 – 2.5 mm² 800 V/8 kV/3 0.13 – 4 mm² 0.13 – 6 mm² 800 V/8 kV/3 fine-stranded solid $1 - 2.5 \text{ mm}^2$ $1 - 2.5 \text{ mm}^2$ 800 V/8 kV/3 $0.13 - 4 \text{ mm}^2$ $0.13 - 6 \text{ mm}^2$ 800 V/8 kV/3

Width Rated cross section 6 mm 11 mm 6 mm 11 mm Approvals **91 91 (P**

		•			•		
		Туре	Part No. Std.	Pack	Туре	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 w	ide gray	APC 1-2,5	07.312.5053.0	10			
1.5 mm w	ide blue	APC 1-2,5 BLAU	07.312.5053.6	10			
1.5 mm w	ide green				APC 1-2,5 GRÜN	07.312.5053.7	10
4. Partition plate 1.5 mm w	ide gray	TWC 1-2,5	07.312.5153.0	10			
1.5 mm w	ide 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 b	locks						
Tern	nination point "C"	ADC 2,5 GELB	04.344.0353.8	10	ADC 2,5 GELB	04.344.0353.8	10
Terr	nination 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
Modular test plug with spring clam	p 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 s	pacing	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 32	26-327						
		-			1		

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

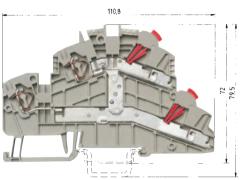
Variation "E" = 2 independent line feed-throughs

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

Termination point " \mathbf{F} " = spring clamp connection Termination point " \mathbf{C} " = IDC technology

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

Width Rated cross section



1 – 2.5 mm² 500 V/6 kV/3

11 mm

WKC 1 D2F/2C/SL/35

WKC 1 E/F/C/35 WKC 1 D2F/2C/35

6 mm

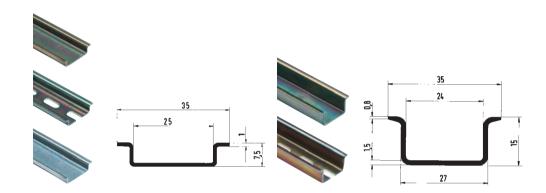
fine-stranded solid fine-stranded solid $0.21 - 1 \text{ mm}^2$ $0.21 - 1 \text{ mm}^2$ 500 V/6 kV/324 $1 - 2.5 \text{ mm}^2$ 0.13 – 4 mm² 0.13 – 6 mm² 500 V/6 kV/3 0.13 - 4 mm² 0.13 - 6 mm² 500 V/6 kV/3

11 mm

6 mm

pprovals		91/ (1)			91 (()		
		Туре	Part No. Std	l. Pack	Туре	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		WEF 1/35	Z5.523.9353.0	
3. End plate 1.5 mm wid	de gray	APC 1-2,5 D2/E/F/C	07.312.6553.0	10			
1.5 mm wid	de blue	APC 1-2,5 D2/E/F/C BLAU	07.312.6553.6	10			
1.5 mm wid	de green				APC 1-2,5 D2/E/F/C GRÜN	07.312.6553.7	10
4. Partition plate 1.5 mm wid	de gray	TWC 1-2,5 D2/E/F/C	07.312.6653.0	10			
1.5 mm wid	de 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 blo	ocks						
Termi	nation point "C"	ADC 2,5 GELB	04.344.0353.8	10	ADC 2,5 GELB	04.344.0353.8	10
Termi	ination 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 spa	acing	ZP/AP PS	07.312.6053.0	10	ZP/AP PS	07.312.6053.0	10
9. Screw driver, uninsulated		DIN 5264 B 0,6 x 3,5	06.502.4000.0	5	DIN 5264 B 0,6 x 3,5	06.502.4000.0	5
Screw driver, uninsulated, MINI		DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10	DIN 5264 B 0,6 x 3,5 M	06.502.5000.0	10

Accessories DIN rail terminal blocks with IDC connection, type WKC

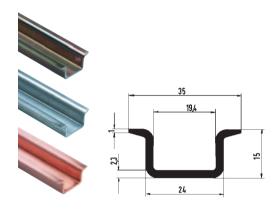


Mounting rail 35 x 7,5 according to DIN EN 60715

Mounting rail 35 x 15 according to DIN EN 60715

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

Accessories DIN rail terminal blocks with IDC connection, type WKC







Mounting rail 35 x 15 according to DIN EN 60715

End clamp for TS 35 screw mount

End clamp for TS 35 screwless mount

acceraing to 2 iii					001000100011		
Гуре	Part No. Std. Pack	Туре	Part No. St	d. Pack	Туре	Part No.	Std. Pack
35 x 27 x 15 EN 60715	98.360.0000.0 1						
85 x 27 x 15 EN 60715 ZN	98.360.0004.0 1						
85 x 27 x 15 EN 60715 CU	98.380.0000.0 10						
		9708/2 S 35	Z5.522.8553.0	100			
		9708/2 BS/35	69.920.0553.0	100			
					WEF 1/35	Z5.523.9353.0	100
					WEF 1 BS/35	69.920.1053.0	100
					1100,00	00.020.1000.0	100
					WKIF SH/E/35	Z1.108.8453.0	100
					WVIF SH/E/33		
						69.920.1153.0	100
						05.091.0212.0	100
					BS/R	Z4.243.8453.0	10
			04.019.0289.0	10		04.019.0289.0	10

Test plug with spring clamp connection





Test plug with spring clamp connection

for WKF/WKC terminal blocks

PS WKC/F

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

2.5

Label with handling instructions taris/WKC









45° angle

Marking tag carrier

			taris/WKC		3	maning tag carro	
Туре	Part No.	Std. Pack	Туре	Part No. Std. Pack	Туре	Part No. Std. Pack	
Single pole mod	dule			05.563.5700.0 1	For all block wid	Iths with 4/6 digits	
5 mm spacing					4 digits		
PS WKC/F	Z1.299.9	9753.0 10			9705 A/4	04.242.0950.0 200	
Blank module for	or jumpered				6 digits		
blocks	01.299.9	9753.0 10			9705 A/6	04.242.1250.0 200	
End plate and							
intermediate pl	late for 6 mm spa	acing					
ZP/AP PS	07.312.6	6053.0 10			Marking tag ca	rrier	
					45° angle		
To achieve a 6	mm spacing, use	e one partition each			9705 A/4 W	04.242.2853.0 200	
per module					2 x 4 digits, 45°	, 5 mm wide	
					makes the mark	king legible in every block position	
The modular tes	st plug enables te	esting and measurement					
in the jumperin	g channel withou	at having to remove the					
jumpers.							
The modular ar	rangement 5 and	6 mm spacing with					
blank modules	for jumpered blo	cks and the					
jumpering optic	on of the test plu	g itself enable individual					
test arrangeme	ents and quick fin	al testing in					
manufacturing.							
The test plugs	can be marked w	vith attached marking					
tags for 5 or 6 r	mm wide blocks.						

Test plug with spring clamp connection









All block widths

1 mm²/5 mm width

2.5 mm²/6 mm width

Single marking 1 9705 A Single marking 1 9705 AB*	04.242.0850.0 500	Marking strips, unm 9705 A/5/10 Marking strips, mark	arked 04.242.5053.0	25	Marking strips, unm 9705 A/6/10		0.5
Single marking t	tag, marked		04.242.5053.0	25	9705 Δ/6/10	04 040 0050 0	0=
	<u>.</u>	Marking strips, marl			3703770710	04.242.6053.0	25
9705 AB*	04.842.0850.0 500	Marking strips, mark					
			ked		Marking strips, marl	ked	
		9705 A/5/10 B 1 - 10	04.845.0153.0	25	9705 A/6/10 B 1 - 10	04.846.0153.0	25
		11 - 20	04.845.0253.0	25	11 - 20	04.846.0253.0	25
		21 - 30	04.845.0353.0	25	21 - 30	04.846.0353.0	25
		31 - 40	04.845.0453.0	25	31 - 40	04.846.0453.0	25
		41 - 50	04.845.0553.0	25	41 - 50	04.846.0553.0	25
Single marking t	tag, unmarked	51 - 60	04.845.0653.0	25	51 - 60	04.846.0653.0	25
with enlarged m	arking area	61 - 70	04.845.0753.0	25	61 - 70	04.846.0753.0	25
9705 AL	04.242.1553.0 500	71 - 80	04.845.0853.0	25	71 - 80	04.846.0853.0	25
		81 - 90	04.845.0953.0	25	81 - 90	04.846.0953.0	25
Single marking t	tag, marked	91 - 100	04.845.1053.0	25	91 - 100	04.846.1053.0	25
for enlarged ma	rking area						
9705 ALB*	04.842.1553.0 500	⊕ (10 x)	04.855.0053.0	25	⊕ (10 x)	04.856.0053.0	25
		± (10 x)	04.855.0153.0	25	± (10 x)	04.856.0153.0	25
		+ (10 x)	04.855.0253.0	25	+ (10 x)	04.856.0253.0	25
		- (10 x)	04.855.0353.0	25	- (10 x)	04.856.0353.0	25
		L1 (10 x)	04.855.0453.0	25	L1 (10 x)	04.856.0453.0	25
		L2 (10 x)	04.855.0553.0	25	L2 (10 x)	04.856.0553.0	25
		L3 (10 x)	04.855.0653.0	25	L3 (10 x)	04.856.0653.0	25
		PE (10 x)	04.855.0753.0	25	PE (10 x)	04.856.0753.0	25
		SL (10 x)	04.855.3153.0	25	SL (10 x)	04.856.3153.0	25
		N (10 x)	04.855.3253.0	25	N (10 x)	04.856.3253.0	25
		F1 (10 x)	04.855.0953.0	25	F1 (10 x)	04.856.0953.0	25
		F2 (10 x)	04.855.1053.0	25	F2 (10 x)	04.856.1053.0	25
		L1, L2, L3, N, PE (2 x)	04.855.0853.0	25	L1, L2, L3, N, PE (2 x)	04.856.0853.0	25
		Marking plates, unn	narked		Marking plates, unm	narked	
		9705 A/5/10/11	Z4.242.5053.0	10	9705 A/6/10/11	Z4.242.6053.0	10

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