

Installation block with spring clamp connection, type *WKIS 2,5*

fasis BIT-S



wieland

Electrical
Connections

With its **fasis** BIT-S series, Wieland Electric offers a compact assortment of installation blocks that enables straightforward and user-friendly wiring in confined spaces.

fasis BIT-S meets the directives for the setup of high-voltage and supply systems for safety services according to VDE 0108; it has been designed for use in public buildings. In accordance with the directive, isolation measurement, for example, can be carried out with the wires connected.

The new **WKIS** installation blocks with direct connection technology are an excellent supplement to the existing **fasis** BIT range. With the direct terminal connection technology an additional increase in efficiency can be achieved in installation technology.



Potential distribution and change of circuits

- Shorter wiring times due to direct terminal connection
- Flexible potential distribution
 - Horizontally: in a double jumper channel
 - Vertically: over two terminal block tiers
- Convenient setup of circuits and modification through jumpers with releasable poles



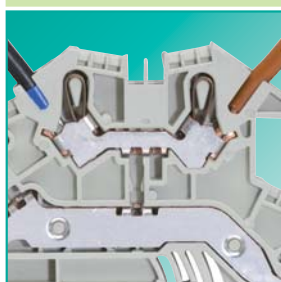
Circuit testing and measurement operations

- Testing at full wiring
- Measurement through integrated testing facility per potential
- Isolation measurement without disconnect of the neutral conductor due to switchable separation of the installation block's neutral potential with neutral disconnect slide or knife
- Testing of the circuits with modular test plug



Use in junction boxes

- Use in small distribution boxes with cover according to 43871
- Compact three-tier design
- A space of only 5 mm required on the mounting rail for AC circuits / 10 mm for three-phase circuits
- Clear assignment of wire to termination point through optimal marking facilities



Flexible wiring without the use of a tool

- Direct plug-in of rigid wires, and flexible wires with ferrules
- Pluggable jumpers for flexible potential distribution
- Wire range 0,13 – 4 mm² for solid, fine-stranded and stranded wires
- Rated current 30 A with 4 mm² wire



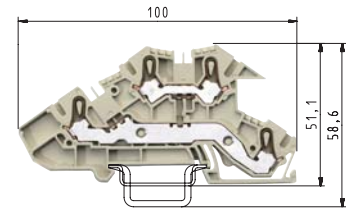
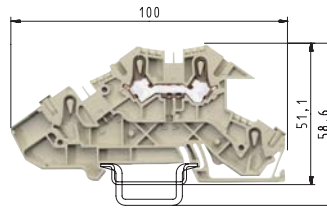
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Electrical Connections

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WKIS 2,5 D-D 56.203.9753.0
WKIS 2,5 N-D 56.203.8953.0

WKIS 2,5 D-D-SL 56.203.9853.0
WKIS 2,5 N-D-SL 56.203.9453.0

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Components and system components for the control cabinet

- DIN rail terminal blocks
 - with screw connection
 - with spring clamp connection
 - with IDC connection
- Safety
 - Safety relays
 - Modular safety systems
- Fieldbus components
- Interface
 - Power supplies
 - Overvoltage protection
 - Measuring and monitoring relays
 - Time and switching relays
 - Coupling relays/solid state relays
 - Analog modules
 - Passive interfaces

Components and system components for field applications

- Remote automation
 - Remote power distribution
 - Remote fieldbus interface
- Industrial multipole connectors
 - Modular multipole connectors
 - High-density multipole connectors
 - High-current multipole connectors
 - Multipole connectors for hazardous areas
 - Bushings for control cabinets
 - D-Sub connectors
- Round connectors

Empty housings and appliance connectors/terminal strips

AT Schleicher

- PLC systems and CNC based control systems
- Operator panels
- Application engineering & system solutions
- Customized products

BIT Wieland

- Building installation systems
 - Mains connectors IP20/IP65...IP68
 - Bus connectors
 - Combined connectors
 - Low-voltage connectors
 - Flexible flat cable systems
 - Distribution systems
 - Switching devices for EIB/KNX, LON, Ethernet, radio control
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection

PCB connectors Wieland

- PC board connectors
 - with screw connection
 - with spring clamp connection
 - with TOP connection

WKIS 2,5 ...

EN 60947-7-1/DIN VDE 0611 T1

Width

Wire strip length

fine-stranded solid V A
0,13 – 4 mm² 0,13 – 4 mm² 400/4kV/3 siehe I
5 mm 11 mm

Description	l	Type	Part No.	Std. Pack
Installationsklemme	24 A/ 32 A	WKIS 2,5 D	56.203.9653.0	50
Installationsklemme	24 A/ 32 A**	WKIS 2,5 D-D	56.203.9753.0	50
Installationsklemme	24 A/ 32 A**	WKIS 2,5 N-D	56.203.8953.0	50
Installationsklemme	24 A/ 32 A**	WKIS 2,5 D-D-SL	56.203.9853.0	50
Installationsklemme	24 A/ 32 A**	WKIS 2,5 N-D-SL	56.203.9453.0	50
Neutralleiter-Trennklemme	22 A/ 26 A*	WKIS 2,5 NT-D-SL	56.203.9553.0	50
Neutralleiter-Mess-Trennklemme	20 A/ 24 A*	WKIS 2,5 NTM-D-SL	56.203.8653.0	50
Accessories				
1. Mounting Rail 35, DIN Rail 7.5 high	L = 2 m	35x27x7,5 EN60715	98.300.0000.0	1
Mounting Rail 35, DIN Rail 15 high	L = 2 m	35x14x15 EN60715	98.360.0000.0	1
2. Endclamp TS 35, with screw	8 mm wide	9708/2 S35	Z5.522.8553.0	100
Endclamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100
3. End plate	Colour: gray 1.5 mm wide	APIS 2,5 ..	07.313.0253.0	10
End plate	Colour: gray 1.5 mm wide	APIS 2,5 TM	07.313.0353.0	10
5. Jumper bar, insulated	2 pole	IVB WKF 2,5-2	Z7.280.6227.0	10
	3 pole	IVB WKF 2,5-2	Z7.280.6327.0	10
	4 pole	IVB WKF 2,5-2	Z7.280.6427.0	10
	5 pole	IVB WKF 2,5-2	Z7.280.6527.0	10
	6 pole	IVB WKF 2,5-2	Z7.280.6627.0	10
	7 pole	IVB WKF 2,5-2	Z7.280.6727.0	20
	8 pole	IVB WKF 2,5-2	Z7.280.6827.0	20
	9 pole	IVB WKF 2,5-2	Z7.280.6927.0	20
	10 pole	IVB WKF 2,5-2	Z7.280.7027.0	20
Cross connector	1 pole	IVB WKF-V	Z7.261.1127.0	10
6. Wire entry guide	0.13 - 0.20 mm ²	LELN 2,5/1 WEISS	05.564.3753.0	100
	0.25 - 0.50 mm ²	LELN 2,5/2 GRAU	05.564.3853.0	100
	0.75 - 1.00 mm ²	LELN 2,5/3 SCHWARZ	05.564.3953.0	100
7. Cover with warning samples	Farbe: gelb	ADF 2,5/4 GELB	04.343.6053.8	10
8. Busbar, E-Cu, 10x3mm, tin-plated	L = 1 m	9813 Sn M Sn	98.290.1000.0	1
9. Connector for busbar				
	16 mm ² 8.5 mm wide	WAK 16/2 BLAU	30.494.3021.6	100
	35 mm ² 12.5 mm wide	WAK 35/2 BLAU	30.494.4021.6	50
	35 mm ² 17 mm wide	WAK 35/2	30.494.4121.0	50
10. Busbar support	2 mm wide	WKIF/SH/35	01.108.7653.0	10
Busbar support, as end clamp	8 mm wide	WKIF/SH/E/35	Z1.108.8453.0	10
11. Screwdriver, uninsulated	LONG, straight	DIN 5264 B 0,6x3,5	06.502.4000.0	5
	LONG, angled	DIN 5264 B 0,6x3,5 W	05.502.4100.0	10
	MINI, straight	DIN 5264 B 0,6x3,5 M	06.502.5000.0	10
	MINI, angled	DIN 5264 B 0,6x3,5 MW	05.502.4000.0	10

* for 4 mm² connection

** for 4 mm² and up to 3 blocks adjacent to one another, otherwise 30 A

X-ON Electronics

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