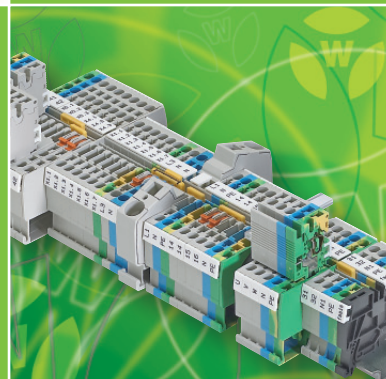fasis

wieland

fasis CON
**DIN Rail Terminal Blocks
with Plug-In Connection**

Plug & Play

DIN rail terminal blocks with plug-in connection

The system

- **Rated current up to 32 A**
- **Connection cross-section 4 mm²**
- **Width 5 mm**

The socket plugs

For application specific wire harness assemblies, or single pole test plug.

The terminals

Modular din rail mount terminals for universal use with pluggable connectors, all with spring clamp termination technology.

In addition to the pluggable connection, a spring clamp termination also is available to use the block as a standard feed-through terminal.

The jumping system

The Wieland Standard push-in jumper system can be used in both the modular terminal and in the plug-in connector.

All basic terminals are fully compatible with the *fasis* WKFN series, including the 16 mm² feed-in terminal.

The modular terminal block's integrated jumper channel maintains a permanent feed-through connection even when the plug is not installed.
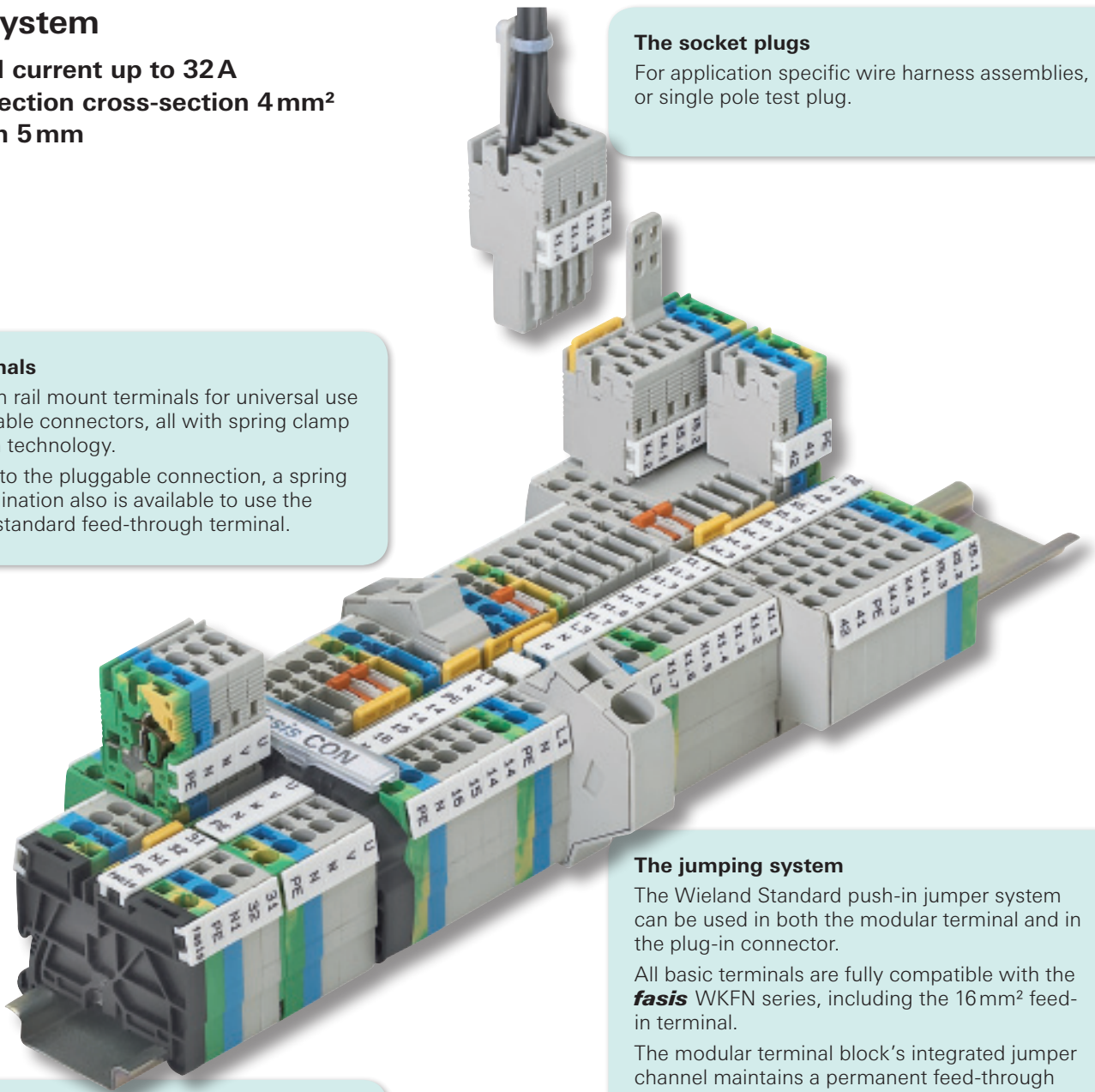
The labeling system

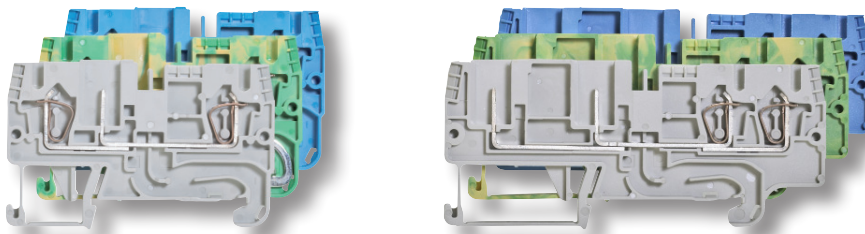All termination points can be clearly labeled using the standard Wieland labeling system.

Integrated safety

IP 20 touch protection in all components, even when not connected.

All plug connectors have a built-in latching mechanism and coding option – no further accessories required.
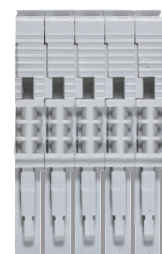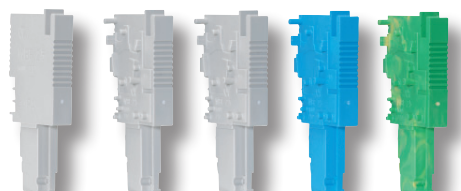
DIN rail terminal blocks with plug-in connection

		WKFN 2,5 F/P/F				WKFN 2,5 2P/2F			
EN 60947-7-1 / EN 60947-7-2		fine-stranded	solid	V	A	fine-stranded	solid	V	A
UL ratings	field/factory wiring	0.13 - 4 mm²	0.13 - 4 mm²	500 V/8 kV/3	32*	0.13 - 4 mm²	0.13 - 4 mm²	500 V/8 kV/3	32*
CSA ratings									
Width	Wire strip length	5 mm			11 mm	5 mm			11 mm
Approvals									

		Type	Part No.	Std. Pack		Type	Part No.	Std. Pack
Feed-through block F/P/F	gray	WKFN 2,5 F/P/F	56.703.2355.0	50				
	blue	WKFN 2,5 F/P/F	56.703.2355.6	50				
Ground block	yellow/green	WKFN 2,5 F/P/F-SL	56.703.2455.0	50				
Feed-through block 2P/2F	gray					WKFN 2,5 2P/2F	56.703.2155.0	
	blue					WKFN 2,5 2P/2F	56.703.2155.6	
Ground block	yellow/green					WKFN 2,5 2P/2F-SL	56.703.2255.0	
Accessories								
1. Mounting rail 35, 7.5 mm high	L = 2 m	35x27x7,5 EN60715	98.300.0000.0	1		35x27x7,5 EN60715	98.300.0000.0	1
Mounting rail 35, 15 mm high	L = 2 m	35x27x15 EN60715	98.360.0000.0	1		35x27x15 EN60715	98.360.0000.0	1
2. End clamp TS 35, with screw	8 mm wide	9708 /2 S35	Z5.522.8553.0	100		9708 /2 S35	Z5.522.8553.0	100
End clamp TS 35, without screw	8 mm wide	WEF 1/35	Z5.523.9353.0	100		WEF 1/35	Z5.523.9353.0	100
3. End plate	gray	APFN 2,5 D1/2	07.312.6955.0	10		APFN 2,5 TKM D2/2	07.313.0055.0	10
	blue	APFN 2,5 D1/2 BLAU	07.312.6955.6	10				
4. Partition plate	gray	TWFN 2,5 D1/2	07.312.7055.0	10		TWFN 2,5 TKM D2/2	07.313.0155.0	10
5. Cross connector, insulated	2 blocks	IVB WKF 2,5-2	Z7.280.6227.0	10		IVB WKF 2,5-2	Z7.280.6227.0	10
	3 blocks	IVB WKF 2,5-3	Z7.280.6327.0	10		IVB WKF 2,5-3	Z7.280.6327.0	10
	4 blocks	IVB WKF 2,5-4	Z7.280.6427.0	10		IVB WKF 2,5-4	Z7.280.6427.0	10
	5 blocks	IVB WKF 2,5-5	Z7.280.6527.0	10		IVB WKF 2,5-5	Z7.280.6527.0	10
	6 blocks	IVB WKF 2,5-6	Z7.280.6627.0	10		IVB WKF 2,5-6	Z7.280.6627.0	10
	7 blocks	IVB WKF 2,5-7	Z7.280.6727.0	20		IVB WKF 2,5-7	Z7.280.6727.0	20
	8 blocks	IVB WKF 2,5-8	Z7.280.6827.0	20		IVB WKF 2,5-8	Z7.280.6827.0	20
	9 blocks	IVB WKF 2,5-9	Z7.280.6927.0	20		IVB WKF 2,5-9	Z7.280.6927.0	20
	10 blocks	IVB WKF 2,5-10	Z7.280.7027.0	20		IVB WKF 2,5-10	Z7.280.7027.0	20
6. Wire entry guide	0.13 - 0.2 mm²	LELN 2,5/1 WEISS	05.564.3755.0	100		LELN 2,5/1 WEISS	05.564.3755.0	100
	0.25 - 0.5 mm²	LELN 2,5/1 GRAU	05.564.3855.0	100		LELN 2,5/1 GRAU	05.564.3855.0	100
	0.75 - 1.0 mm²	LELN 2,5/1 SCHWARZ	05.564.3955.0	100		LELN 2,5/1 SCHWARZ	05.564.3955.0	100
7. Cover with warning symbol over 4 blocks		ADFN 2,5/4 GELB	04.343.8353.8	10		ADFN 2,5/4 GELB	04.343.8353.8	10
8. Test adapter, modular		PS WKC/F	Z1.299.9753.0	10		PS WKC/F	Z1.299.9753.0	10
9. Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	10		DIN 5264 B 0,6x3,5	06.502.4000.0	10
Screwdriver, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10
Marking accessories see *fasis* catalog 0124.0								

* Observe the derating curve, available in our e-catalog at www.wieland-electric.com

WBF 2,5/../..

		fine-stranded	solid	V	A	fine-stranded	solid	V	A
EN 60947-7-1 / EN 60947-7-2		0.13 - 4 mm²	0.13 - 4 mm²	500 V/8 kV/3	32*	0.13 - 4 mm²	0.13 - 4 mm²	500 V/8 kV/3	32*
UL ratings	field/factory wiring								
CSA ratings									
Width	Wire strip length	5 mm			11 mm	5 mm			11 mm
Approvals									

		Type	Part No.	Std. Pack	Type	Part No.	Std. Pack
Socket plug LEFT	gray	WBF 2,5 1/L/GR	Z1.110.8955.0	50			
	blue	WBF 2,5 1/L/BL	Z1.110.8955.6	50			
	yellow/green	WBF 2,5 1/L/SL	Z1.110.8955.7	50			
Socket plug MIDDLE	gray	WBF 2,5 1/M/GR	Z1.110.8855.0	50			
	blue	WBF 2,5 1/M/BL	Z1.110.8855.6	50			
	yellow/green	WBF 2,5 1/M/SL	Z1.110.8855.7	50			
Socket plug RIGHT	gray	WBF 2,5 1/R/GR	Z1.110.9055.0	50			
	blue	WBF 2,5 1/R/BL	Z1.110.9055.6	50			
	yellow/green	WBF 2,5 1/R/SL	Z1.110.9055.7	50			
Socket plug pre-assembled,	gray						
	1 pole				WBF 2,5-1	59.903.0155.0	50
	2 pole				WBF 2,5-2	59.903.0255.0	50
	3 pole				WBF 2,5-3	59.903.0355.0	50
	4 pole				WBF 2,5-4	59.903.0455.0	50
	5 pole				WBF 2,5-5	59.903.0555.0	50
	6 pole				WBF 2,5-6	59.903.0655.0	25
	7 pole				WBF 2,5-7	59.903.0755.0	25
	8 pole				WBF 2,5-8	59.903.0855.0	25
	9 pole				WBF 2,5-9	59.903.0955.0	25
	10 pole				WBF 2,5-10	59.903.1055.0	25
Accessories:							
1. Strain relief		Z-WBF	05.567.9155.0	10	Z-WBF	05.567.9155.0	10
2. Cross connector, insulated		see WKFN 2,5 F/P/F			see WKFN 2,5 F/P/F		
3. Screwdriver, uninsulated		DIN 5264 B 0,6x3,5	06.502.4000.0	10	DIN 5264 B 0,6x3,5	06.502.4000.0	10
Screwdriver, MINI		DIN 5264 B 0,6x3,5 M	06.502.5000.0	10	DIN 5264 B 0,6x3,5 M	06.502.5000.0	10

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DIN rail terminal blocks with plug-in connection
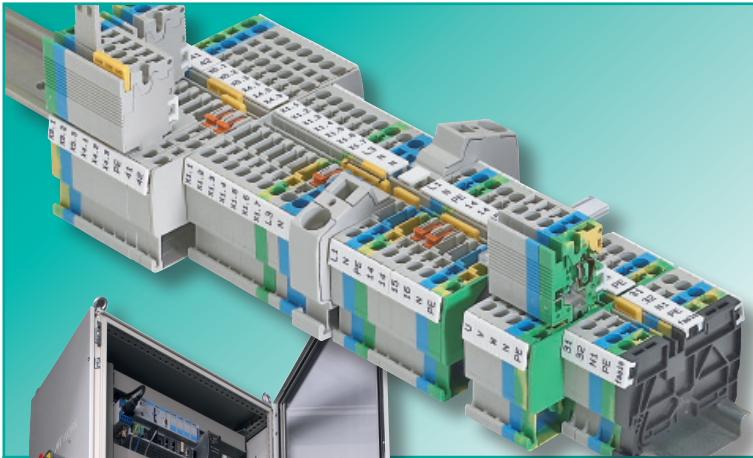
Plug & Play in the control cabinet – with *fasis* CON

fasis CON is a DIN rail terminal block system with a pluggable outgoing feeder, which offers modular, cost-saving solutions with advantages in every phase of the service life of an electrical system.

fasis CON is a fully compatible part of the established *fasis* WKFN system. Both the terminal and the plug connector possess the high-performance features of *fasis* WKFN.

fasis CON consists of feed-through blocks and PE DIN rail terminal blocks with different numbers of wire terminations and pluggable outgoing feeders for the *fasis* CON socket connectors.

fasis CON is a cost-effective, high-performance and pluggable system solution.

Cost-effective

- Cost-optimized installation and maintenance times
- Small numbers of components
- Can be assembled individually
- Pre-assembled modules
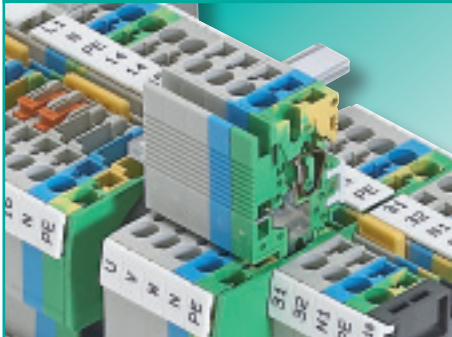
High-performance

- Range of terminals up to 4 mm²
- Rated current up to 32 A*
- Rated voltage 500 V
- Total width only 5 mm

Pluggable

- Complex systems can be brought on-line quickly and cost-effectively with pluggable technology
- Functional units can be tested easily
- Modules can be replaced quickly if faults occur
- Systems can be expanded with pluggable technology
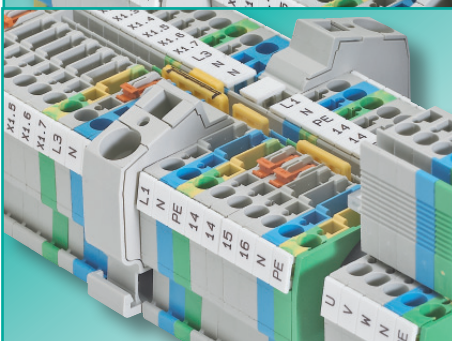
Complete system

- Uniform accessories
- Coded to prevent mismating
- All components can be bridged
- Comprehensive and clear labeling
- Can be combined with *fasis* WKFN

* Observe the derating curve, available in our e-catalog at www.wieland-electric.com

wieland

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Industrial technology

Solutions for the control cabinet

- DIN rail terminal blocks
  - Screw, tension spring or push-in connection technology
  - Wire cross sections up to 240 mm^2
  - Numerous special functions
  - Software solutions interfacing to CAE systems
- Safety
  - Safe signal acquisition
  - Safety switching devices
  - Modular safety modules
  - Compact safety controllers
  - Applicative consultancy and training
- Network engineering and fieldbus systems
  - Remote maintenance via VPN industrial router and VPN service portal
  - Industrial Ethernet switches
  - PLC and I/O systems, standard and increased environmental conditions
- Interface
  - Power supply units
  - Overvoltage protection
  - Coupling relays, semiconductor switches
  - Timer relays, measuring and monitoring relays
  - Analog coupling and converter modules
  - Passive interfaces

Solutions for field applications

- Decentralized installation and automation technology
  - Electrical installation for wind tower
  - Fieldbus interfaces and motor starters
- Connectors for industrial applications
  - Rectangular and round connectors
  - Aluminum or plastic housings
  - Degree of protection up to IP 68
  - Current-carrying capacity up to 100 A
  - Connectors for hazardous areas
  - Modular, application-specific technology

PC board terminals and connectors

  - Screw or spring clamp connection technology
  - Spacings: 3.5 mm to 10.16 mm
  - Reflow or wave soldering process

Building and installation technology

- Building installation systems
  - Main power supply connectors IP 20/IP 65 ... IP 68
  - Bus connectors
  - Low-voltage connectors
  - Power distribution system with flat cables
  - Distribution systems
  - Bus systems in KNX, LON and radio technology
  - DIN rail terminal blocks for electrical installations
  - Overvoltage protection

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**contacts
are
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