

FSC – Fast Signal Connection

THE future of signal distribution in the switchgear cabinet

Install signal lines quickly and faultlessly.

The patented FSC system allows a virtually unlimited variety of coded plug-in connections to be made. Wieland also offers the total solution including intelligent electronics or simple transmission boards.

Efficient

- **Switchgear cabinet installation, signal distribution and electronics** in one product
- Complete solution from one source
- Optimized logistics and production thanks to pre-assembled components

Fast

- Plug in instead of hardwire
- Intuitive wiring connection thanks to color coding
- Connect without tools

Safe

- Incorrect plug-in connection impossible
- Integrated mechanical coding
- No qualified personnel necessary

Flexible

- Customized electronic solutions
- Individually pre-assembled lines
- Easy-maintenance, replaceable components



Technical data:

Nominal voltage:	up to 230V
Nominal current:	3A
Protection class:	IP 54
Coding options:	35
Number of poles:	up to 6
Number of plug-in positions:	18 (more on request)
Size:	105 x 140 mm (other sizes on request)
Electronics:	Customized electronic equipping
Certification:	UL / CSA



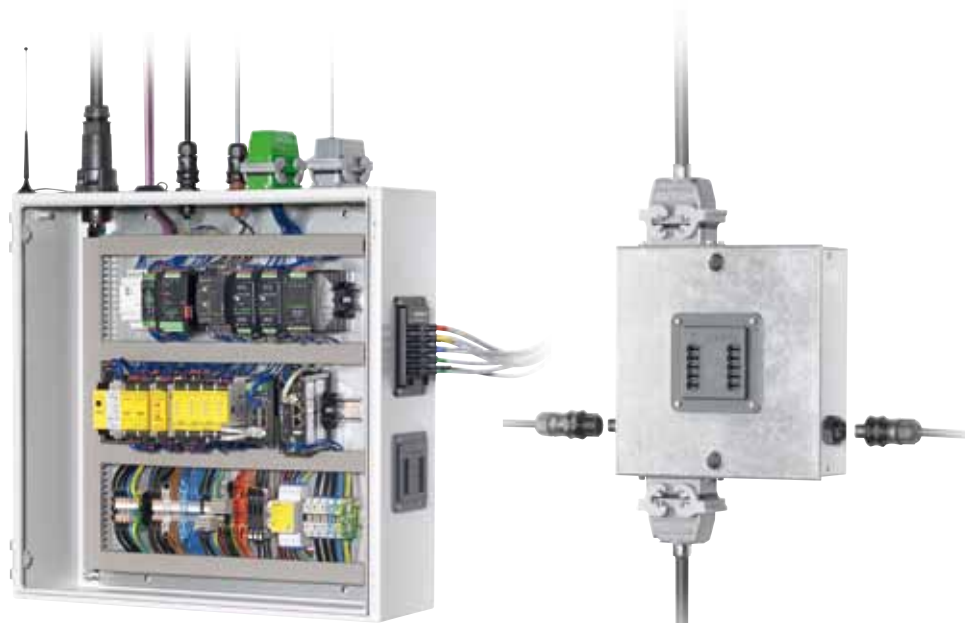
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Installation in switchgear cabinet or field distribution



Install sensors as plug-in systems

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 mm²
 - Numerous special functions
 - Software solutions interfacing to CAE systems
- Safety
 - Safe signal acquisition
 - Safety switching devices
 - Modular safety modules
 - Compact safety controllers
 - Application consulting 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: 3.5mm to 10.16mm
- 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 wireless technology
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection



35 coding options

