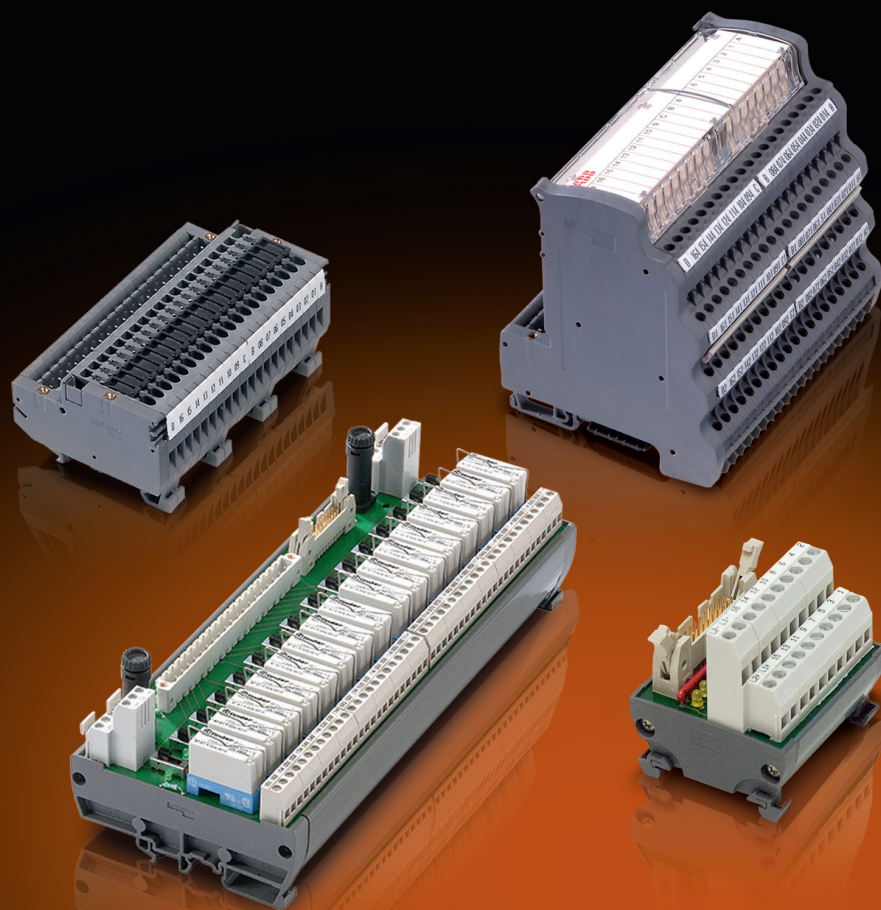




Interfast: the PLC pre-wiring system
Fast, flexible, reliable...
and even more compact!

Make your PLC wiring easy!

Connecting a PLC to the operative parts is hard work.

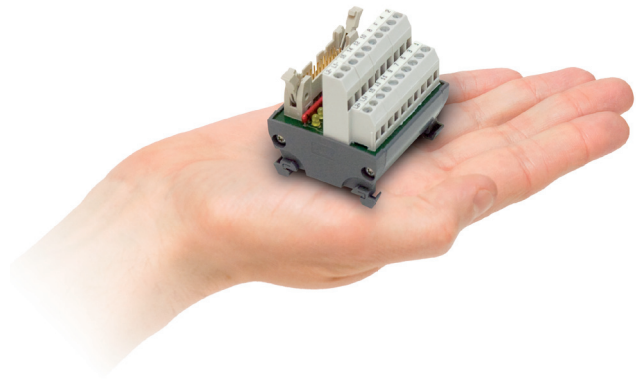
Transferring the different signals from your PLC to terminal blocks, using a single-wire connection system, requires a lot of time and accuracy. Fortunately, we have a solution for you!

Forget about the countless wires and the risk of contact reversal! Try Interfast, the pre-wiring system for PLCs by ABB.

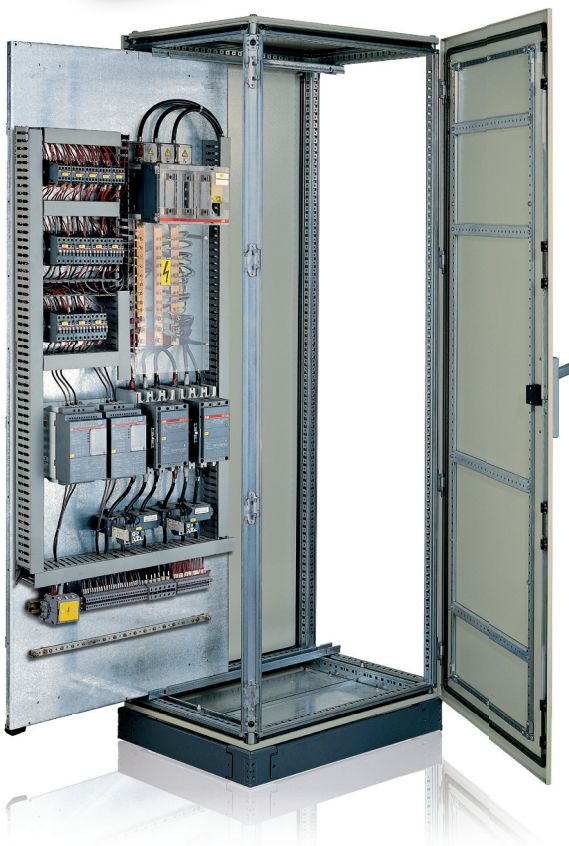
And to better satisfy your requirements ABB goes further!

You want to gain more space in your cabinet, try our new ultra-compact interface modules!

With a 50mm width and optimised dimensions, you gain up to 60% more space.



Save up to 98%
of your time
during installation



The benefits that make Interfast so competitive, user-friendly and flexible:

You optimise the space in your cabinet.

- Our compact and ultra-compact interface modules ensure components are easy to handle inside the cabinet.

You reduce your costs.

- Your wiring is less expensive since it takes less time. Plus, your consumption of cables, terminal blocks and other elements used in a classic wiring system, is dramatically reduced.

You save time.

- The time you save on the wiring can be used for more demanding tasks.

Main features of our interface modules:

- 1 to 4-wire connection
- Input voltage up to 250 V
- Current up to 2 A
- Disconnect and protect channels
- Signal indicators
- Test points for current and voltage measurement
- IP20 protection
- PLC protection with fuse and I/O isolation (2.5 kV)
- Heavy-duty industrial connectors
- Relay for switching 16 A/250 V
- Pluggable relays and optocouplers
- Forcing and interrupting relay control
- Interface modules dedicated to solenoid valve control
- Various accessories to make your installation and maintenance easy
- More than 50 interface modules and 4 lengths of cables.

Choose flexibility

Whatever your PLC and I/O cards, ABB offers complete and pre-tested solutions adapted to your needs.

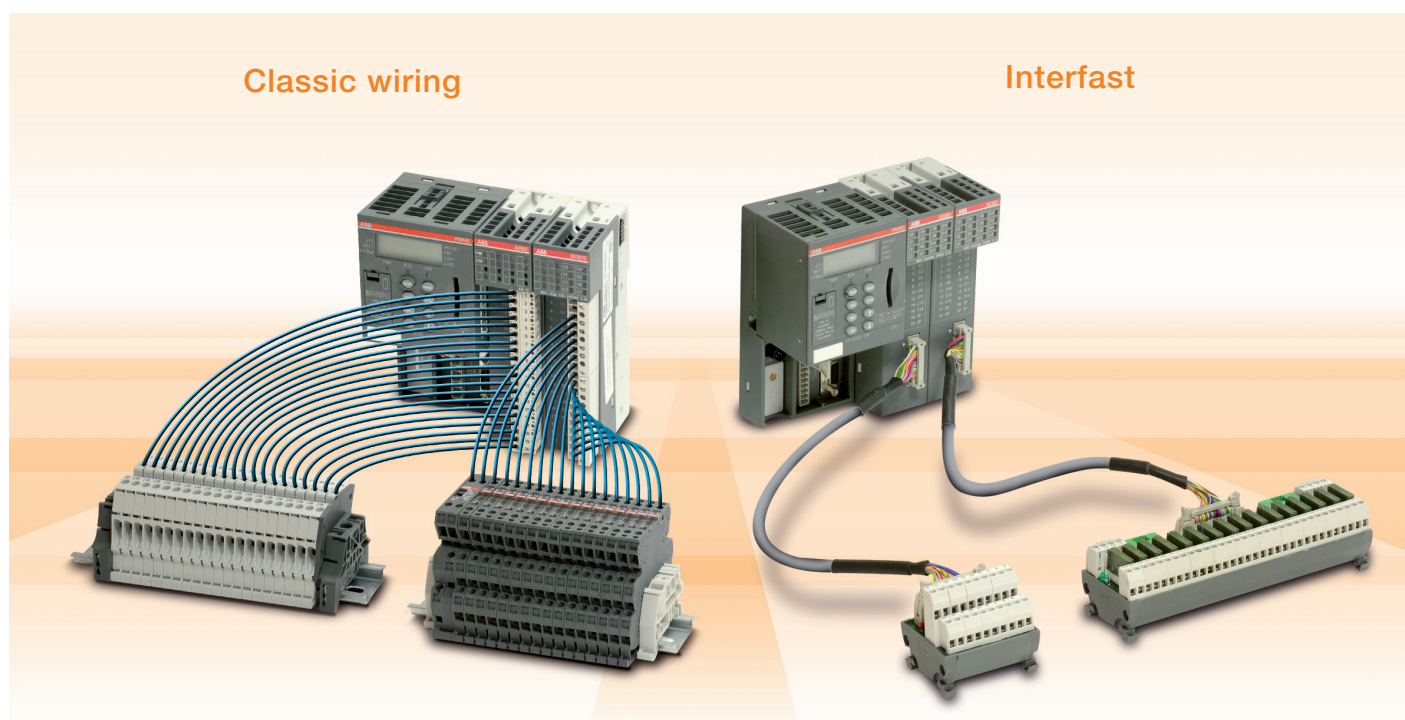
With Interfast, you choose a fast and error-free system.

The system is composed of three main parts:

- Front adaptors that simply plug into the I/O board
- Pre-wired and pre-tested cables available in different lengths and pluggable in a few seconds
- Passive and active interface modules that replace traditional terminal blocks.

Interfast perfectly suits most of the PLCs existing on the market such as:

- ABB
- Ge-Fanuc
- Mitsubishi
- Omron
- Rockwell
- Schneider
- Siemens.



Your installation is flexible.

- Thanks to our complete plug-and-play system, maintaining and replacing your installation has never been so easy.

Your wiring is reliable.

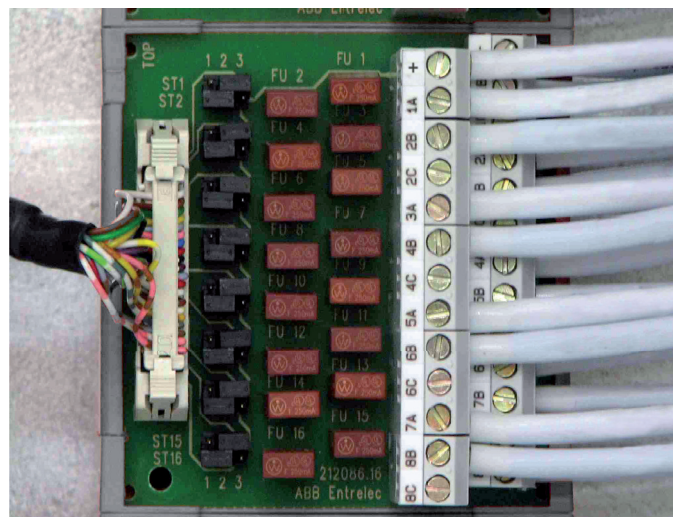
- All our products are tested and wiring errors are no longer possible.

All your requirements are met

- Find what you need in our wide range of interface modules
- From simple connecting modules to decoupling modules, many applications can be covered! Plus, with our Modular System, design your own interface modules according to your own needs.

Everything is clear in your cabinet

- Installation is clear, cable strands can be located easily.



Interfast series

Connecting Interfast MS with omniconnect connector



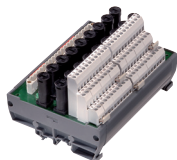
Description	Without LED		With LED	
	16-channel	8-channel	16-channel	8-channel
Single wire	1SNA 621 017 R1200	1SNA 621 016 R1100		
Single wire redundancy	1SNA 631 005 R2100	1SNA 631 004 R2000	1SNA 631 007 R2300	1SNA 631 006 R2200
Single wire with fuse	1SNA 631 013 R1000			
Two wire	1SNA 631 025 R1400	1SNA 631 024 R1300	1SNA 631 027 R1600	1SNA 631 026 R1500
Two, three or four wire	1SNA 631 055 R2200	1SNA 631 054 R2100	1SNA 631 061 R2000	1SNA 631 060 R0300
Interruptible single wire	1SNA 631 017 R1400	1SNA 631 016 R1300		
Interruptible two, three or four wire	1SNA 631 083 R1700	1SNA 631 082 R1600	1SNA 631 081 R1500	1SNA 631 080 R2000
Description	32-channel		32-channel	
Single wire	1SNA 631 001 R2500		1SNA 631 003 R2700	

Connecting Interfast PCB with HE10 connector



Description	Without LED		With LED	
	16-channel	8-channel	16-channel	8-channel
Single wire	1SNA 020 867 R2000		1SNA 020 870 R0700	
Two wire with fuse	1SNA 020 803 R2100	1SNA 020 802 R2000		
Two or three wire	1SNA 020 868 R0100		1SNA 020 871 R2400	
Three wire with fuse				1SNA 020 874 R2700
Interruptible single wire	1SNA 020 869 R0200		1SNA 020 872 R2500	
Interruptible three wire with fuse			1SNA 020 873 R2600	

Connecting Interfast PCB with omniconnect connector



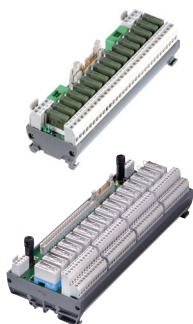
Description	Without LED		With LED	
	16-channel	8-channel	16-channel	8-channel
Single wire	1SNA 020 859 R0000		1SNA 020 863 R2400	
Two or three wire	1SNA 020 860 R0500		1SNA 020 864 R2500	
Three wire with fuse	1SNA 020 861 R2200	1SNA 020 857 R2600	1SNA 020 865 R2600	1SNA 020 858 R0700
Interruptible single wire	1SNA 020 862 R2300		1SNA 020 866 R2700	

Decoupling Interfast MS with omniconnect connector



Description	Without LED		With LED	
	16-channel	8-channel	16-channel	8-channel
N relay output interface 1SPDT without led			1SNA 631 124 R1400	
N relay output interface 1SPDT			1SNA 631 125 R1500	
N/P relay output interface 1SPDT			1SNA 631 181 R1600	1SNA 631 182 R1700
Universal interface without led			1SNA 631 151 R2700	1SNA 631 158 R0600
Universal interface with led on the power supply			1SNA 631 179 R0300	1SNA 631 177 R2100
Universal interface with led on the power supply and channels			1SNA 631 180 R2100	1SNA 631 178 R0200

Decoupling Interfast PCB with omniconnect or HE10 connector



Description	Without LED		With LED	
	16 relays with HE10	16 relays with omniconnect and HE10	8 relays with omniconnect	
N/P relay output interface 1NO	1SNA 020 954 R2700	1SNA 021 080 R1000 only omniconnect		
N/P relay output interface 1NO for solenoid valve control		1SNA 020 836 R1100	1SNA 020 830 R2700	
N/P relay output interface 1NO with fuse on common contact	1SNA 020 800 R0200			
N/P relay output interface 1SPDT		1SNA 020 831 R1400	1SNA 020 826 R1700	
N/P relay output interface 1SPDT compact	1SNA 020 953 R2600			
N/P relay output interface 1SPDT with fuse on common contact		1SNA 020 833 R1600	1SNA 020 828 R2100	
N/P relay output interface 1SPDT with interruptible terminal		1SNA 020 835 R1000	1SNA 020 829 R2200	
N/P relay output interface 1SPDT with coil override		1SNA 020 834 R1700		
N/P relay output interface 1DPDT		1SNA 020 832 R1500	1SNA 020 827 R1000	
N/P relay input interface 1NO	1SNA 020 955 R2000			
N/P relay input interface 1NO with fuse on common contact	1SNA 020 856 R2500			

ABB's know-how provides the solution for your wiring

The Interfast pre-wiring system is recognised as a smart and efficient solution for a wide range of applications in various markets.

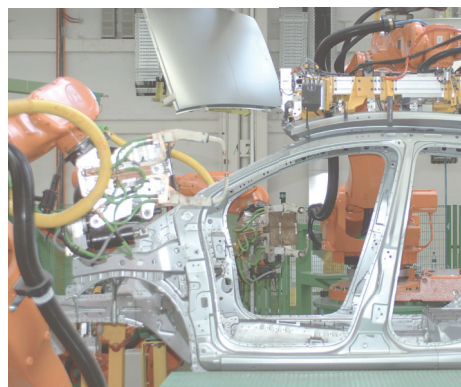
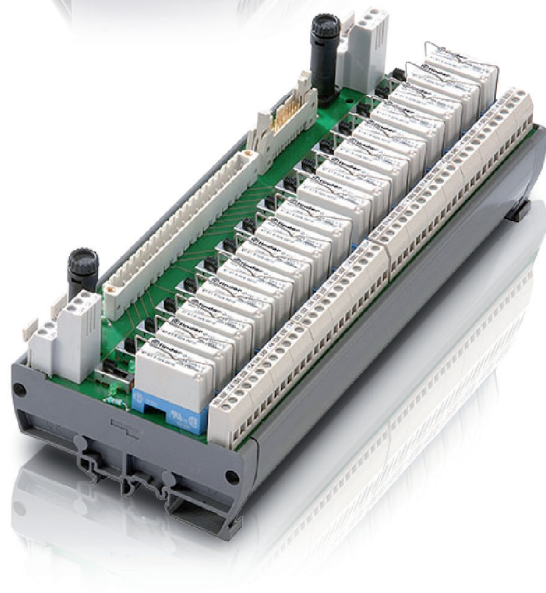
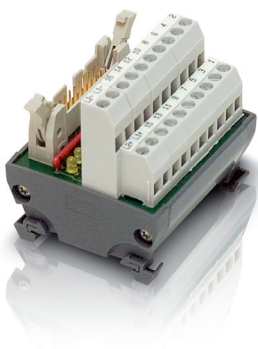
With its set of products fully designed to make your PLC wiring easy, Interfast meets all your requirements: relay switching, optocoupler isolation, or circuit protection.

ABB Exclusivity

Interfast MS - Modular system based on terminal block technology



Interfast PCB - Standard or compact modules



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