

A focus on the competitive edge

The future-oriented FieldBusPlug product system



ABB

Superiority leads to success



... and power of innovation makes superior. That applies to you as the customer and to us as the supplier. It is good if you have great potential to develop creative market innovations. It is also good if you work together with an innovative supplier. The ideal is if your partner's performance capabilities create ways for you to develop visions. And – if this cooperation also contributes to new ideas being cost-effectively implemented.

Strengthen position

ABB engineers think primarily of the positive effects on the market position when developing new products. That is, the market position of the user! Because often enough, competitive advantages differ through advantages of detail. Synergy effects can be realised in this way and an earnings potential can be generated.

We at ABB can succeed in being a step ahead of the latest technology by implementing our know-how spanning across the industry. By listening to and cooperating with our customers, we create practical solutions.

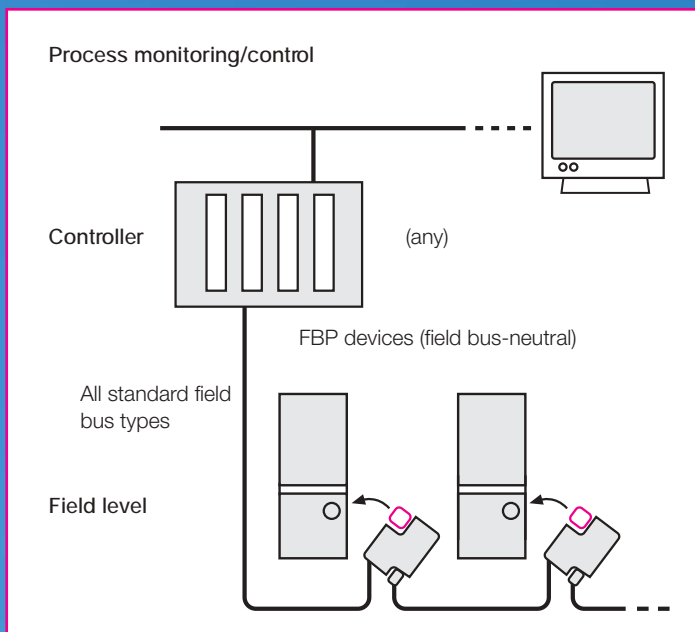
Control gear and automation components with future

Faster, easier, more rational. These are the most important requirements of components for low voltage technology. ABB's answer to this is: FieldBusPlug FBP – the system of control gear and automation components capable of communication.

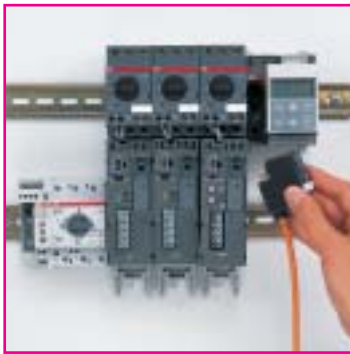


FBP produces networked results ...

FBP – is a series of control gear and automation components which can be networked to all standard field bus systems. Fast, simple and convenient. The individual, extremely compact components are thereby multifunctional and equipped with communication interfaces to the bus connection.



... for increased productivity and profit



Higher product quality

- > Assembled devices and plug technology prevent faults.
- > Standards make general planning and project planning more reliable, the assembly more effective and reduce the commissioning time.

Shorter throughput and realisation times

- > Standardised plug-in field bus connections for cost-effective production and maximum flexibility.
- > Pre-assembled elements and completely co-ordinated function modules for greatly reduced project planning costs.

Increased availability

- > Extensive diagnosis functions.
- > Preventive maintenance.

Shorter service and downtimes

- > Simple handling.
- > Trouble-free conversion

Universal transparency

- > Communication ability far into the process.

Designed for growth - the components



This page represents a first overview of some of the components available for motor circuits. Additionally, the most varied standard sensors, for example, can already be connected directly to the FieldBusPlug at present.



Motorstarter Direct MSD11-FBP, for switching and protecting individual motors. The particularly compact motor starter unit for operation of a motor in one direction of rotation.



Motorstarter Reverse MSR22-FBP, for switching and protecting individual motors and motor operation in two directions of rotation in a width in which one only expects the technology of a direct starter.



Motorstarter Fieldbus Interface MFI21-FBP, for coupling to the manual motor starter MS 325, with integrated control functions and preventive diagnosis function for particularly sensitive process areas.



Universal Motor Controller UMC 22-FBP, particularly communicative and powerful with integrated control functions and a preventive diagnostic function. Several motor functions are programmable, can also be set on-site via a removable control panel.

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