

MODEX – modular explosion protection

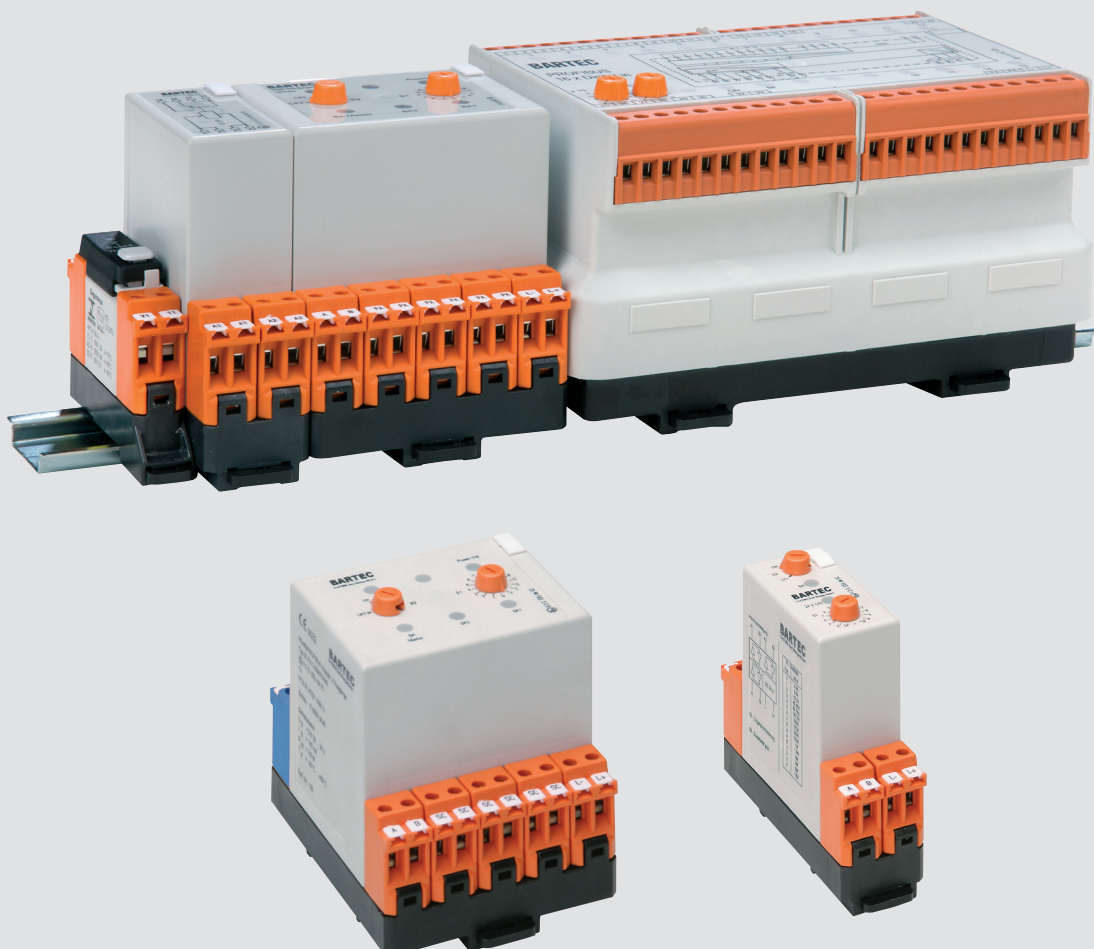
Busmodule, switch, coupler & electrical components

Now available for:



MODBUS TCP

NEW

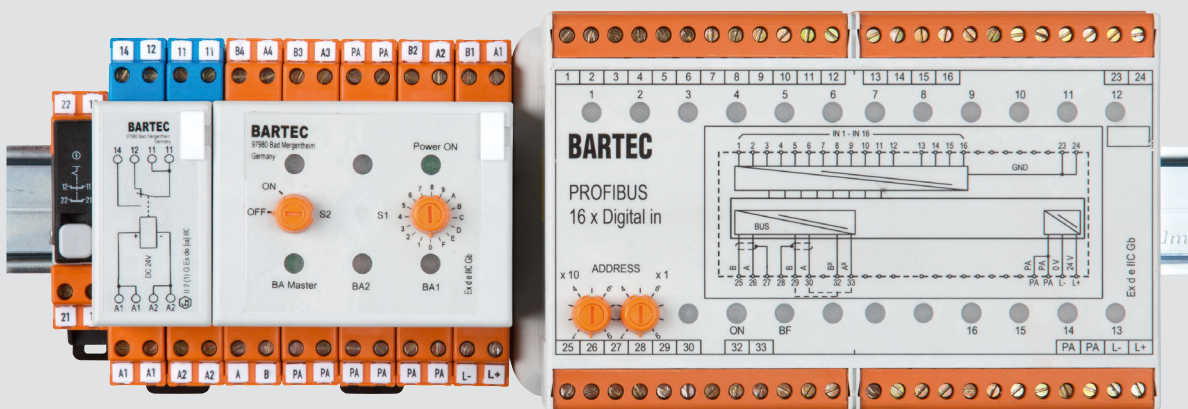


MODEX

Modular, flexible and safe.

The solution for hazardous areas in Zone 1/21.

Zone 1/21



Innovative and practical MODEX as a single or combined solution

- network switch (unmanaged)
- fiber coupler for the infrastructure, (network and Profibus)
- relay for switching power
- IP 30 switching terminal (disconnection of Ex e circuits)

Modex busmodule. All in one module: bus interface and inputs/outputs

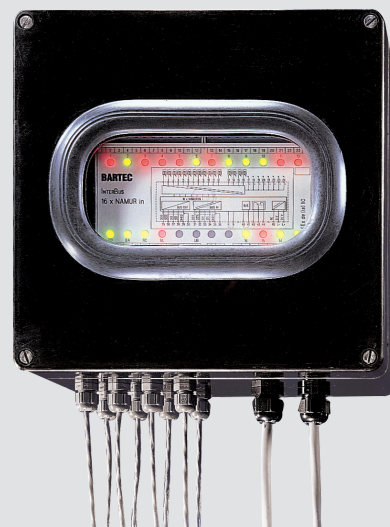
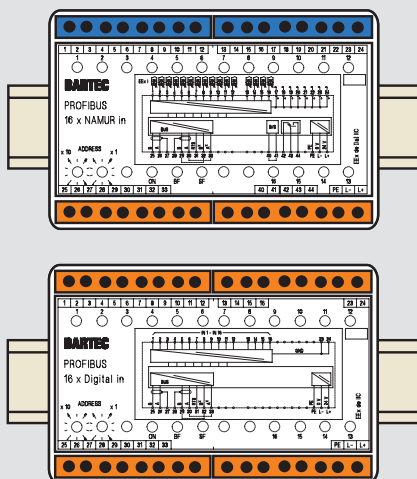
- bus protocols: PROFIBUS DP, PROFINET, Modbus TCP
- MODEX I/O : digital, analogue, RTD
- integrated ethernet ewitch

Plant engineering today

Digital transformation is the new challenge in the plant engineering.

Infrastructure and simple, modular extensions to existing (remote I/O) systems are becoming increasingly important, even in explosive areas.

With the compact design of MODEX (bus interface and I/O in one module), signals can be easily integrated into the existing control system or used as a data collector for edge-to-cloud applications.



Combination is the keyword. Do you have measuring and control circuits with different types of protection?

- flexibility, functionality and high security
- Ex i intrinsically safe measuring circuits
- Ex e supplying consumers with high power

MODEX local control station for the installation of different MODEX-components

- international certifications
- customized planning and design
- variants in stainless steel, polyester and aluminum for various environmental requirements

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