

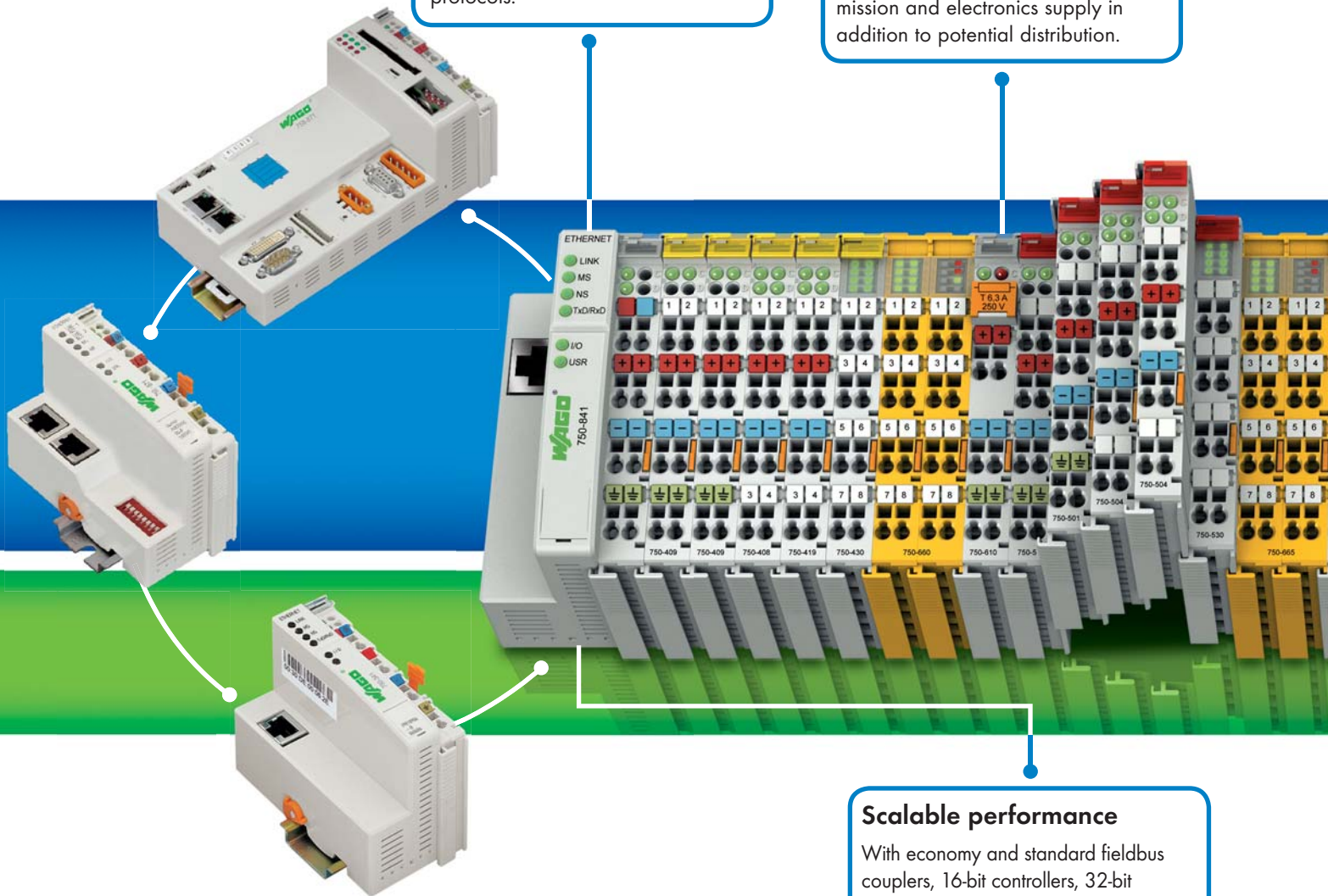
# The WAGO-I/O-SYSTEM 750/753

## Fieldbus independent

The basic premise of the modular system is reflected in the support of numerous fieldbus systems. Depending on the application, it is possible to choose between fieldbus couplers and controllers for different protocols.

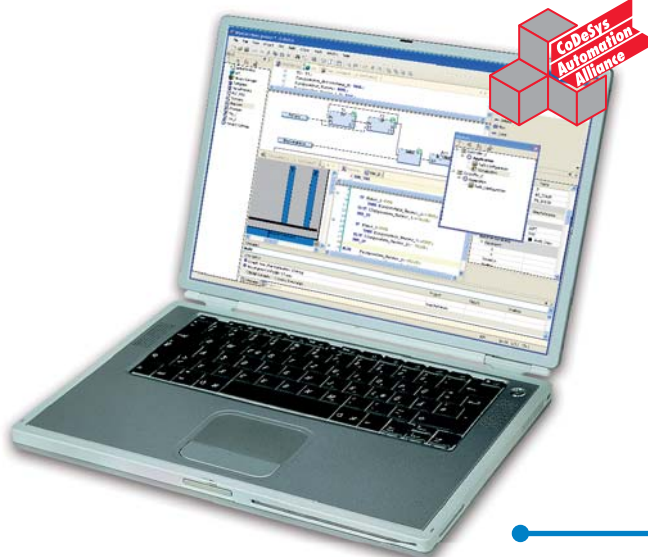
## Automatic connection

Power jumper contacts automatically provide both the internal data transmission and electronics supply in addition to potential distribution.



## Scalable performance

With economy and standard fieldbus couplers, 16-bit controllers, 32-bit controllers and industrial PCs, interfaces are available for any size and type of automation task – from autonomous small controllers to global networks. Additionally, both the programmable fieldbus controllers and industrial PCs extend the functionality of the fieldbus coupler with a programmable logic controller (PLC). Configuration, programming and visualization are performed in this controller with the WAGO-I/O-PRO software package, which complies with IEC 61131-3 ("CoDeSys Automation Alliance").



### Strong and secure connections

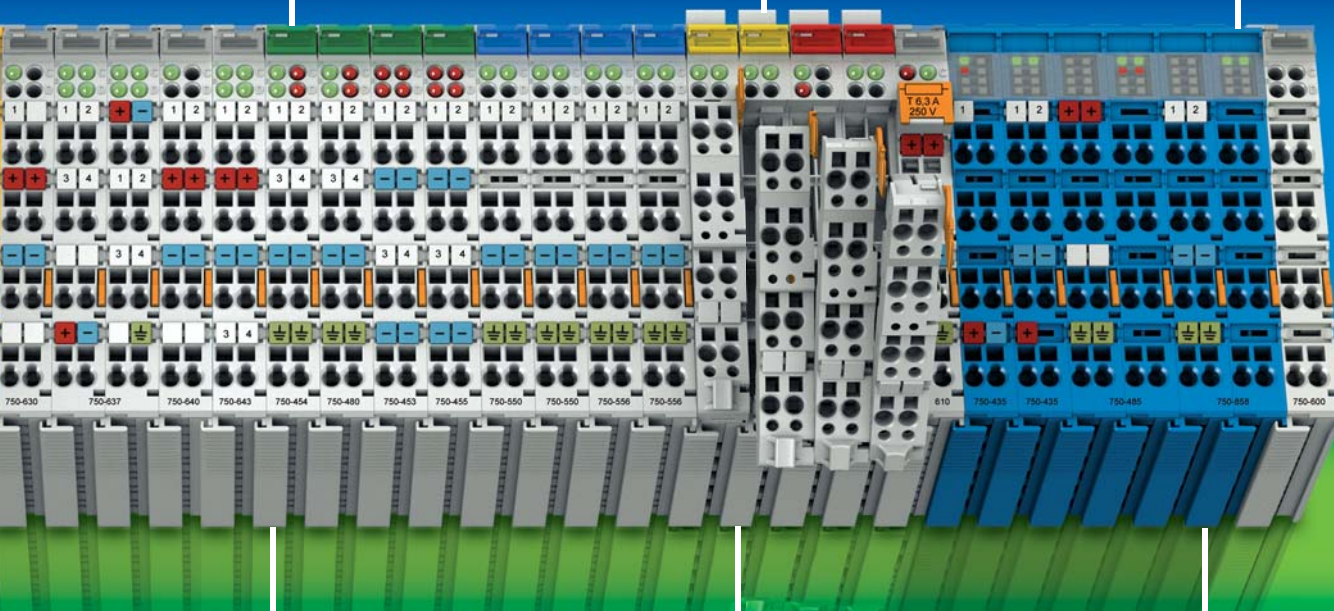
Spring pressure technology guarantees continuous operation, even under the most demanding environmental conditions; e.g., climate cycling, shock/vibration loading and ESD.

### Pluggable connection

For the ultimate in convenience, the 753 Series I/O modules are compatible with the 750 Series I/O modules, which enables the use of 753 Series pluggable connectors. An integrated swing arm acts as a separate wiring plane, which allows an operator to easily replace a module without removing and then rewiring all pre-existing wiring. This virtually eliminates handling errors and saves time – if needed, this can be executed via placeholder modules.

### Clear identification

Colored markers identify the functionality of individual I/O modules; the terminal assignment and technical data are conveniently printed onto the side of the module. The WAGO WSB marker system also allows for module-related and channel-related identification.



### Compact size

The extremely small size makes this system easy to use in the most confined spaces. Up to 8 channels can be accommodated in a 12 mm-wide module.

### Simple handling

The modular, rail-mounted module design allows for easy, tool-free handling and straightforward modifications, such as additions. Additionally, proven CAGE CLAMP® technology ensures that all connections made in the field are quick, vibration-proof and maintenance-free. Depending on the I/O module's granularity, the field peripherals can be wired directly using 1-, 2-, 3- or 4-wire technology.

### Highly flexible

Each node in the WAGO-I/O-SYSTEM can be configured to meet each channel's requirements, and various potentials and signal forms are available (granularity of 1 to 8 channels). Digital and analog I/Os, as well as special functions, can be easily combined. Supply modules allow any potential groups to be handled within a node.