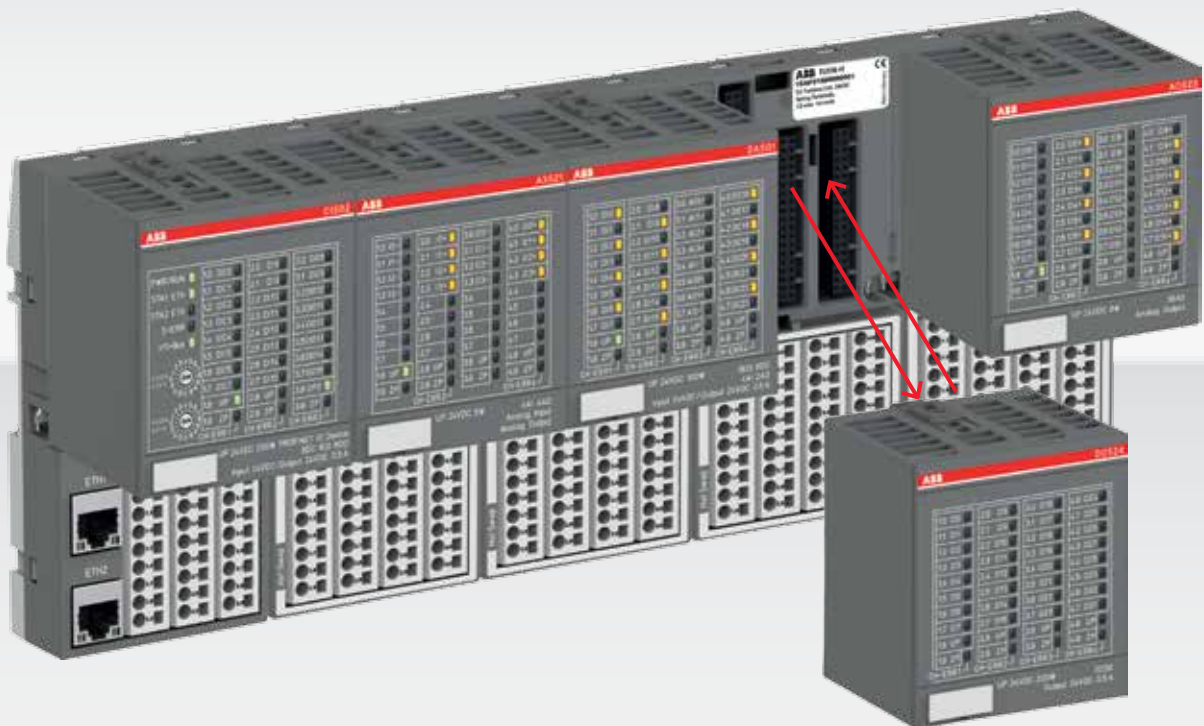


PLC AUTOMATION

Hot Swap of S500 I/O modules

Increased availability during operation



Hot Swap of S500 I/O modules for increased availability



Replacing S500 I/O modules while the system is running

The hot swap terminal units TU516-H and TU532-H allow no-load hot swapping of S500 I/O modules during operation. When replacing an S500 I/O module the other modules in the cluster continue operating.

This capability is available for an I/O cluster with the following fieldbuses:

- PROFIBUS
- PROFINET
- Modbus TCP

Permanent wiring

Due to the construction of the S500 system, the wiring remains untouched during hot swap. There is no need to remove terminal blocks.

An S500 I/O module can be removed and replaced while the other modules in the configuration continue operating.

As soon as a module is re-inserted, it will be configured automatically and put into operation.





Applications

Hot swap is needed in hybrid applications when the control system must not be switched off during the replacement of a module.



ABB Automation Products GmbH

Eppelheimer Straße 82
D-69123 Heidelberg / Germany
Tel.: +49 62 21 701 1444
Fax: +49 62 21 701 1382



www.abb.com/plc



www.abb.com/automationbuilder

Additional information

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