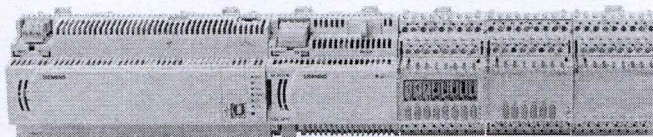


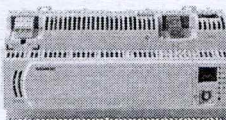
## Functions

Modular, freely programmable automation stations for HVAC and building control systems.

- Management functions (alarm management with alarm routing, schedulers, trend functions, remote management, access protection with individually defined user profiles and categories).
- For stand-alone applications or for use within a device or system network.
- BTL-tested BACnet communications on LonTalk, PTP or IP, compliant with BACnet standard (Rev. 1.12 -for Desigo V6.0 and later) including B-BC profile.
- AMEV profiles AS-A and AS-B to recommendation "BACnet 2011 - Version 1.2 (for Desigo V6.0 and later)".
- Freely programmable, using the D-MAP programming language (close resemblance to CEN standard 11312). All function blocks, available in libraries, can be graphically connected.
- Engineering and commissioning using the Desigo Xworks Plus tool.
- Connection of field devices to a customized mix of TX-I/O modules.
- Connection of installed PTM-I/O modules – the perfect solution to migrate legacy systems.
- Connection of TX Open modules to integrate third-party devices such as variable speed drives, pumps or energy counters.
- Connection of detached I/O islands with integration.
- Connection of LonMark® compatible devices
- Low voltage protection and start-up management to protect the devices against fluctuating voltage.
- Scalable range of touch panels, Web solutions and operator units.



Modular automation station with connected TX-I/O modules



### Overview of automation stations – modular series

Connection of TX-I/O modules, TX Open modules, PTM-I/O modules via PXX-PBUS and LonWorks devices via PXX-L11/12.

Activation of generic Web operation with PXA40-W1

| BACnet/IP                                        | PXC00-E.D | PXC50-E.D | PXC100-E.D              | PXC200-E.D              |
|--------------------------------------------------|-----------|-----------|-------------------------|-------------------------|
| BACnet/LonTalk                                   | PXC00.D   | PXC50.D   | PXC100.D                | PXC200.D                |
| Number of physical data points TX-I/O            | –         | 52        | 200                     | 350                     |
| Number of TX Open Modules for e.g. Modbus, M-Bus | –         | 5         | 5                       | 5                       |
| Number of data points (TX-I/O and TX Open)       | –         | 400       | 600                     | 1000                    |
| Number LonWorks Devices via PXX-Lx               | 60 or 120 | 10        | 60 or 120 <sup>1)</sup> | 60 or 120 <sup>1)</sup> |

<sup>1)</sup> In concurrent use with TX-I/O modules, the number of devices is reduced in relation to capacity

### Extension capabilities of the automation stations