

MX-System

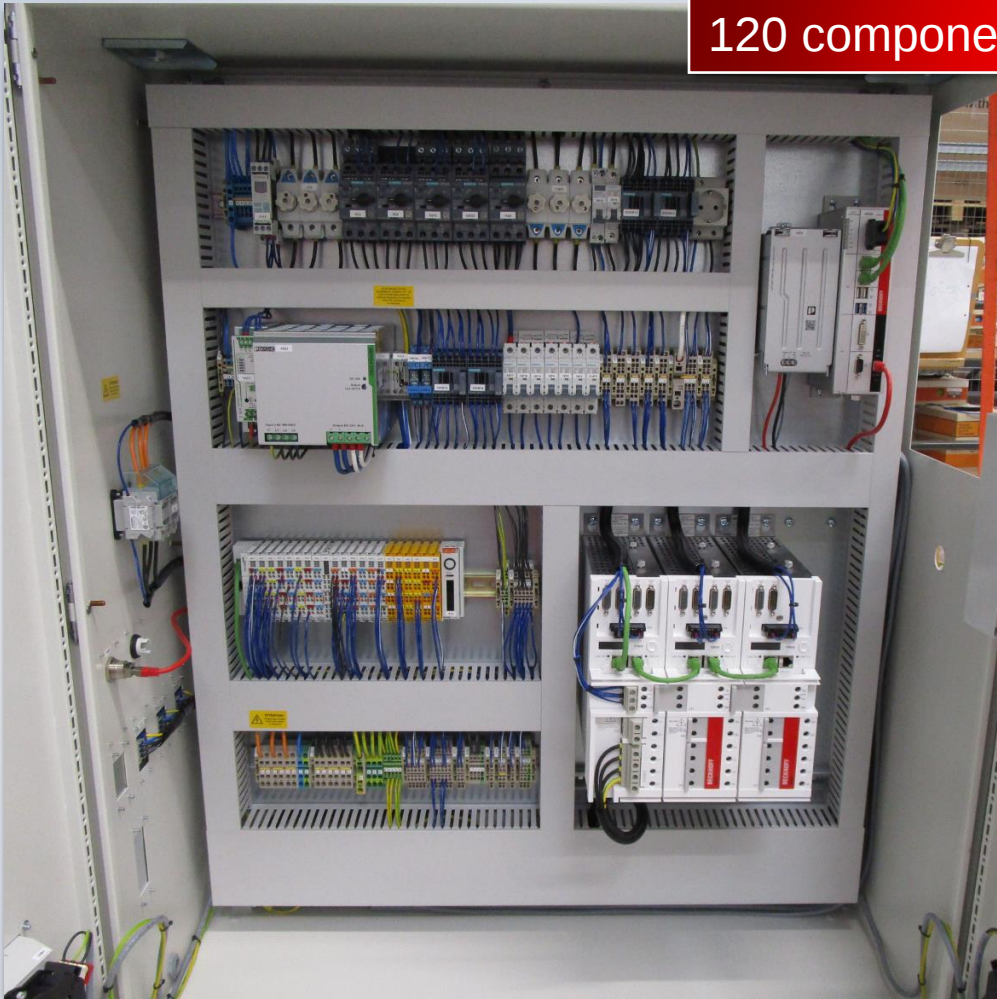
Pluggable system solution for automation without control cabinet

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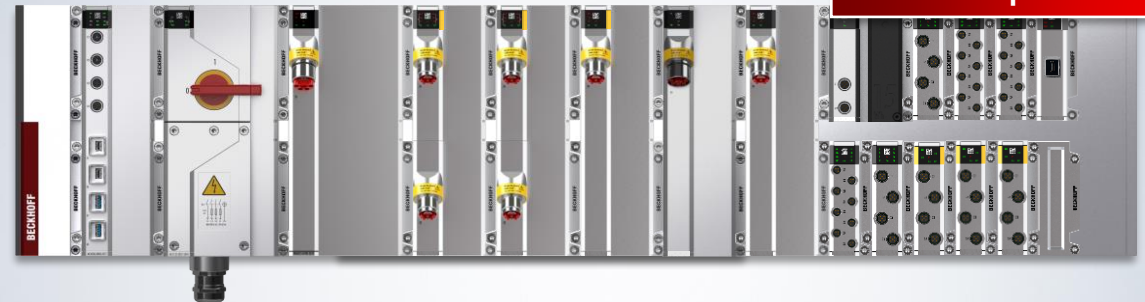
MX-System

120 components



Control cabinet

20 components



MX-System

Housing properties

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Passivated and
coated/chrome
-plated



Oil- and
detergent-resistant



Al/Zn metal
housing



0...50°C



Passive cooling



IP67, dust- and
waterproof



MX-System

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New construction kit for automation replaces the control cabinet

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MRxxxx
relay modules

MSxxxx
system modules

Baseplate
2-row

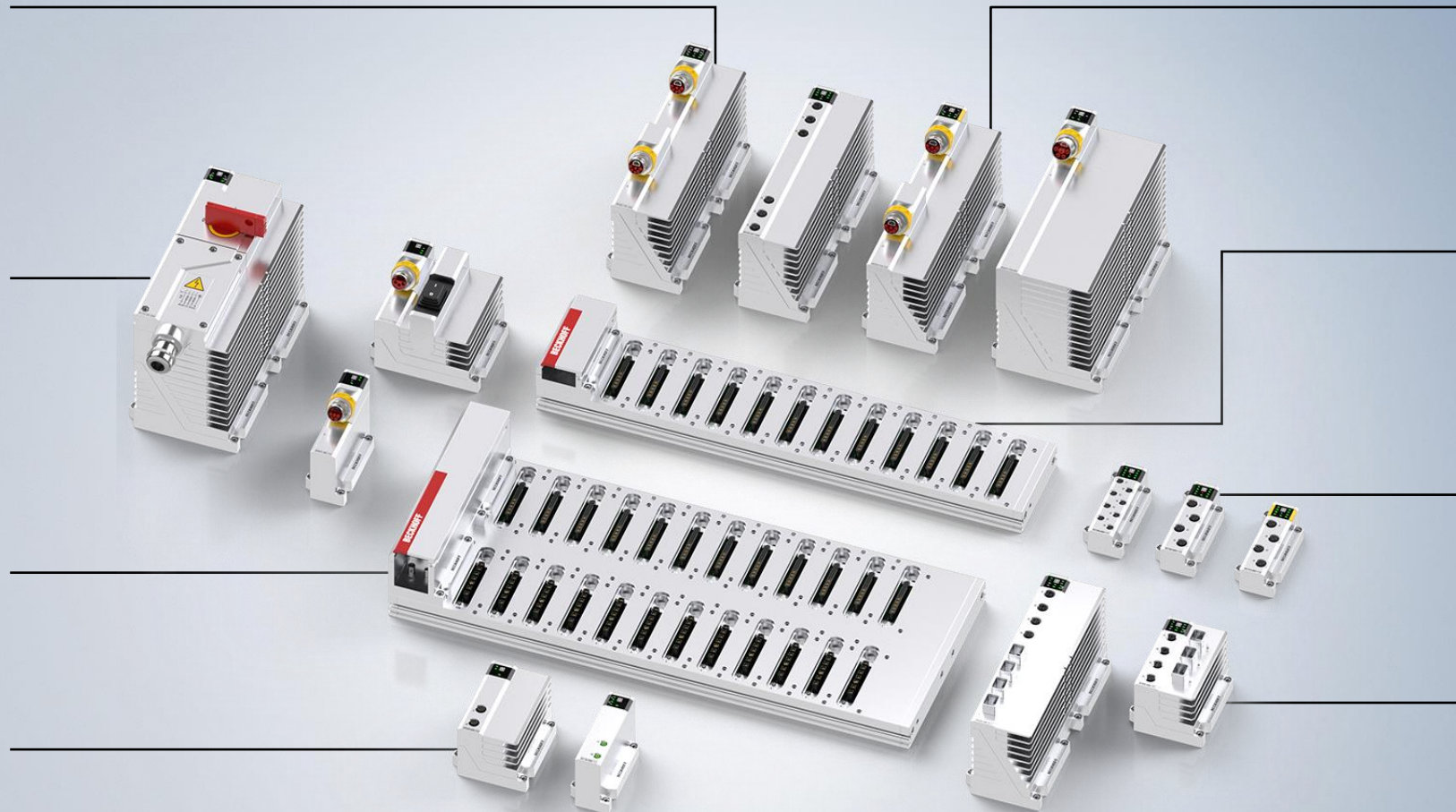
MKxxxx
coupler modules

MDxxxx
drive modules

Baseplate
1-row

MOxxxx
I/O modules

MCxxxx
IPC modules

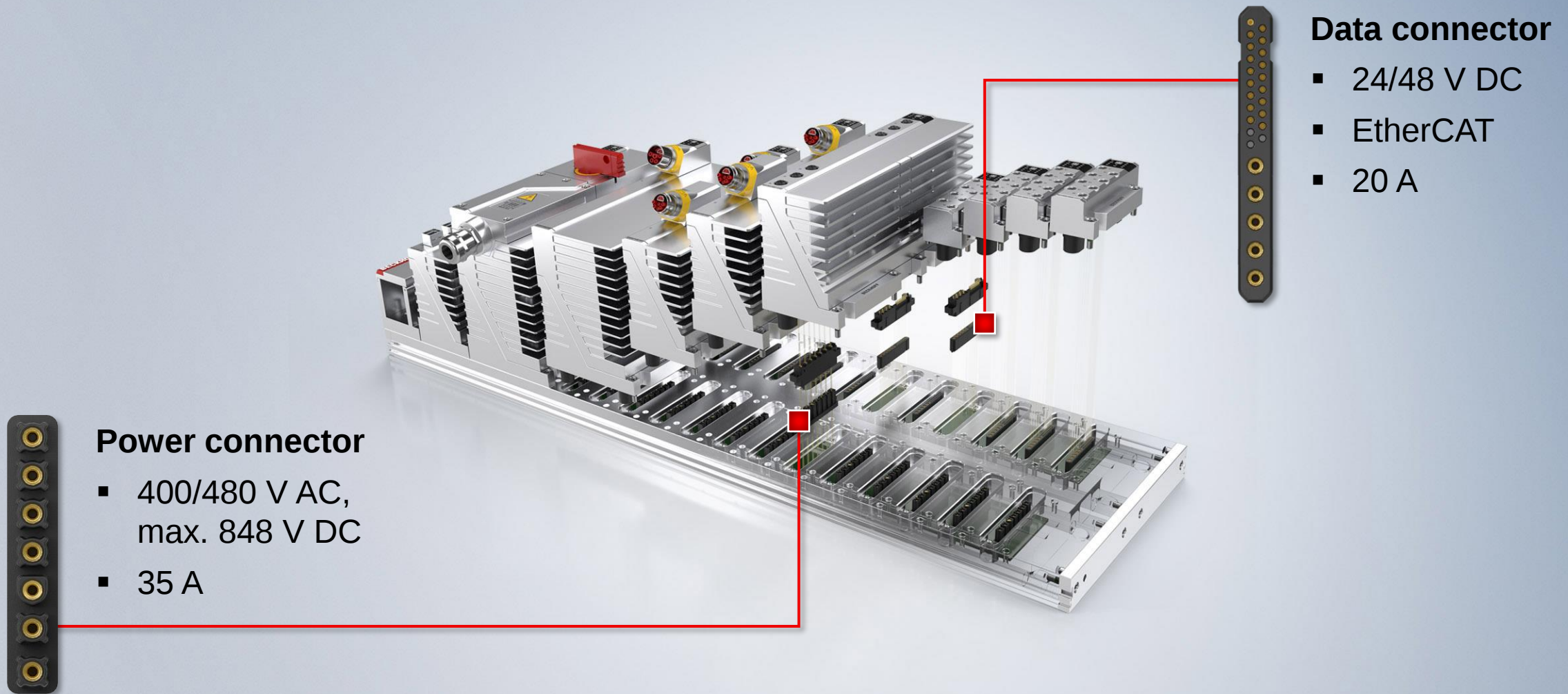


MX-System

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Standardized interfaces for data and power

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MX-System PCBs for distributing EtherCAT and voltage

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Housekeeping

EtherCAT
ASIC



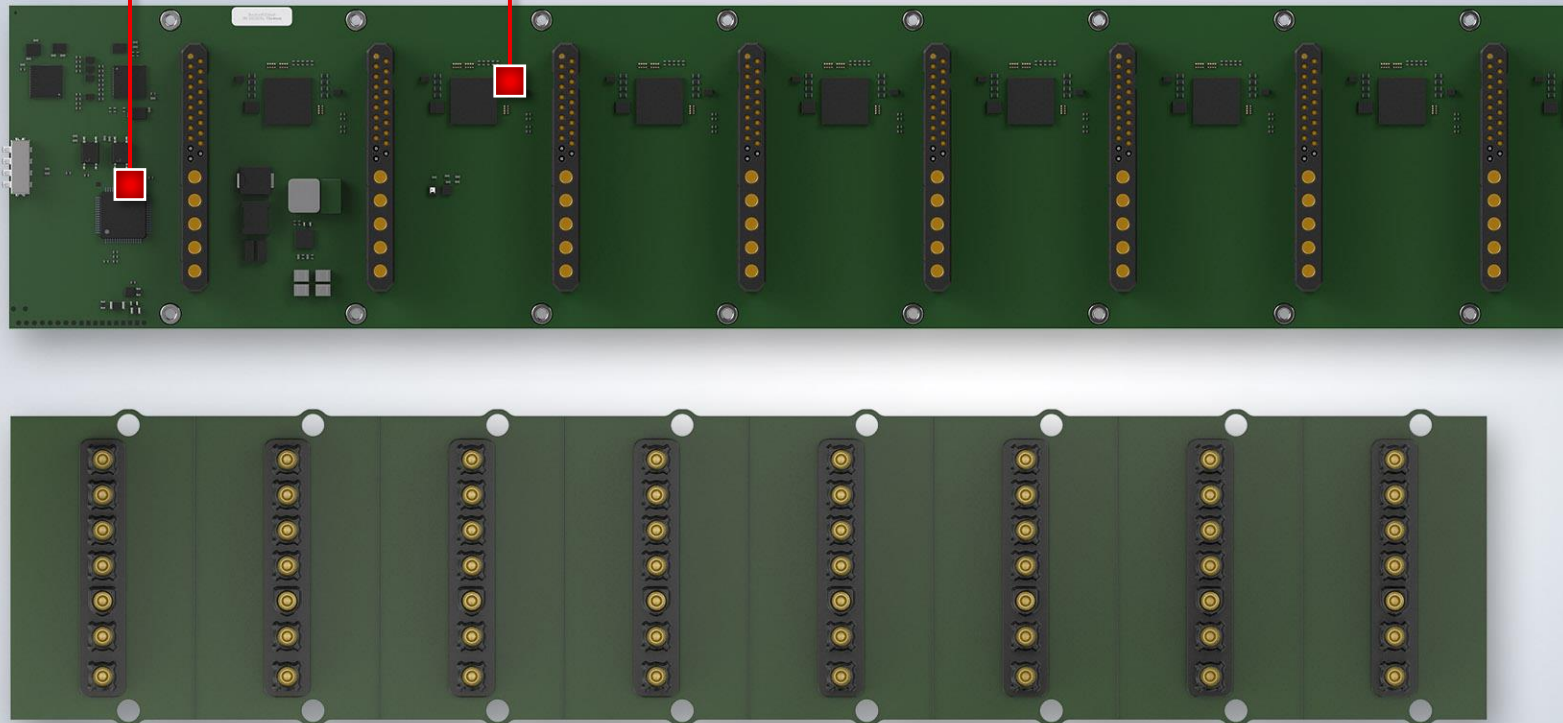
Temperature



Shock and
vibration



Dew point

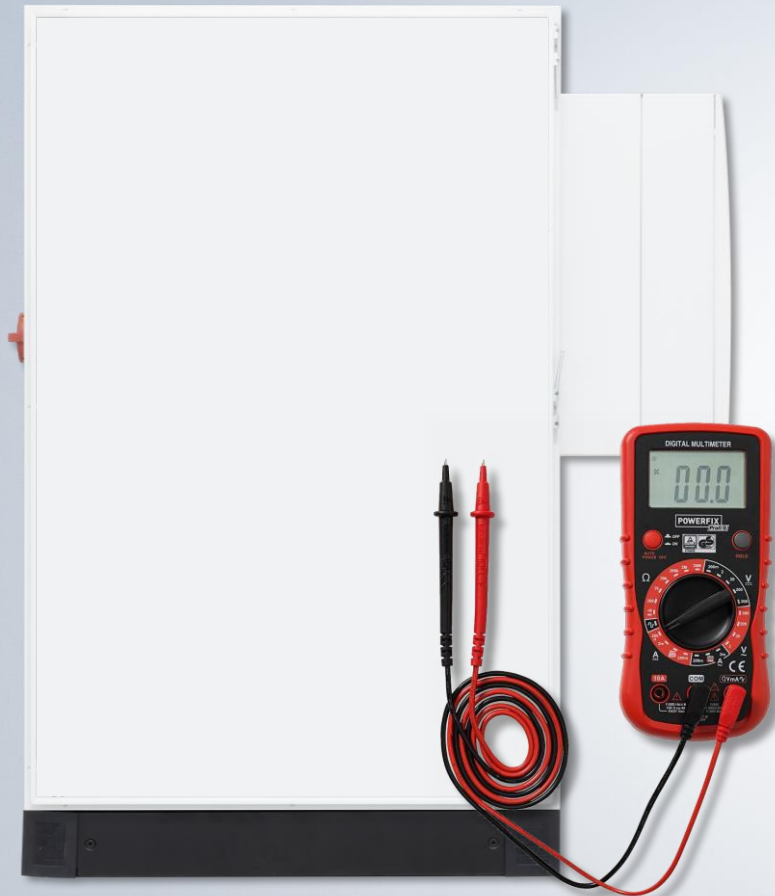


Data PCB

- EtherCAT
- max. 24/48 V DC
- 40 A

Power PCB

- max. 530 V AC/
848 V DC
- 63 A



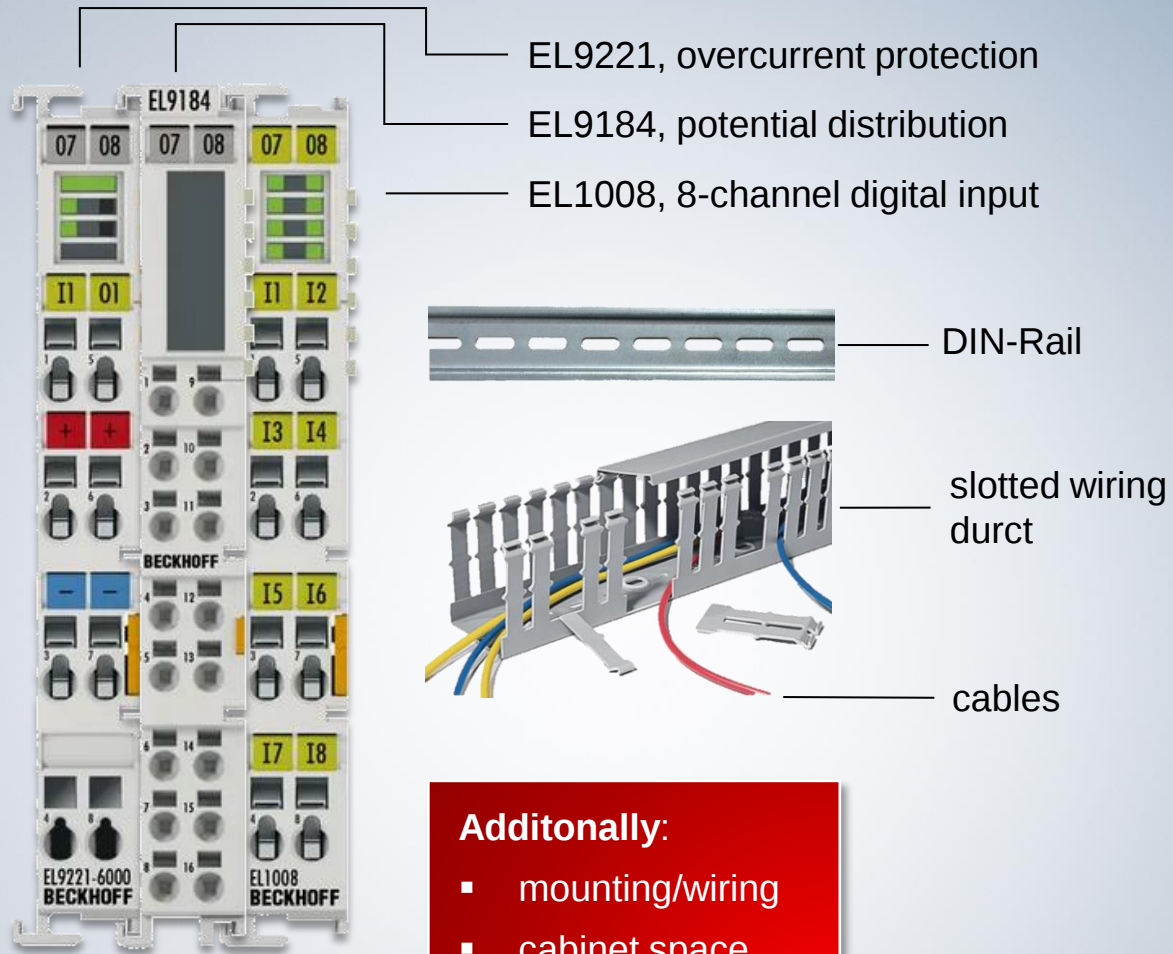
100% EtherCAT



100% Accessibility

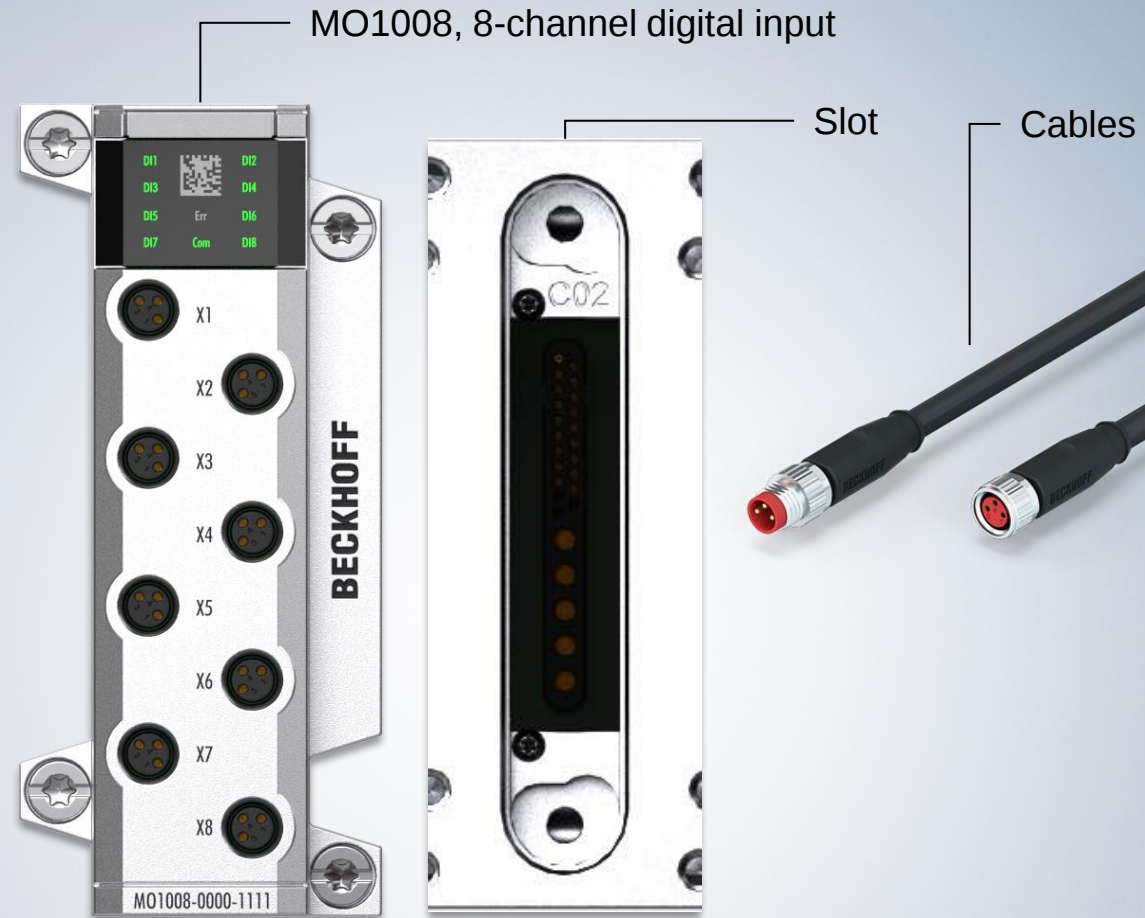


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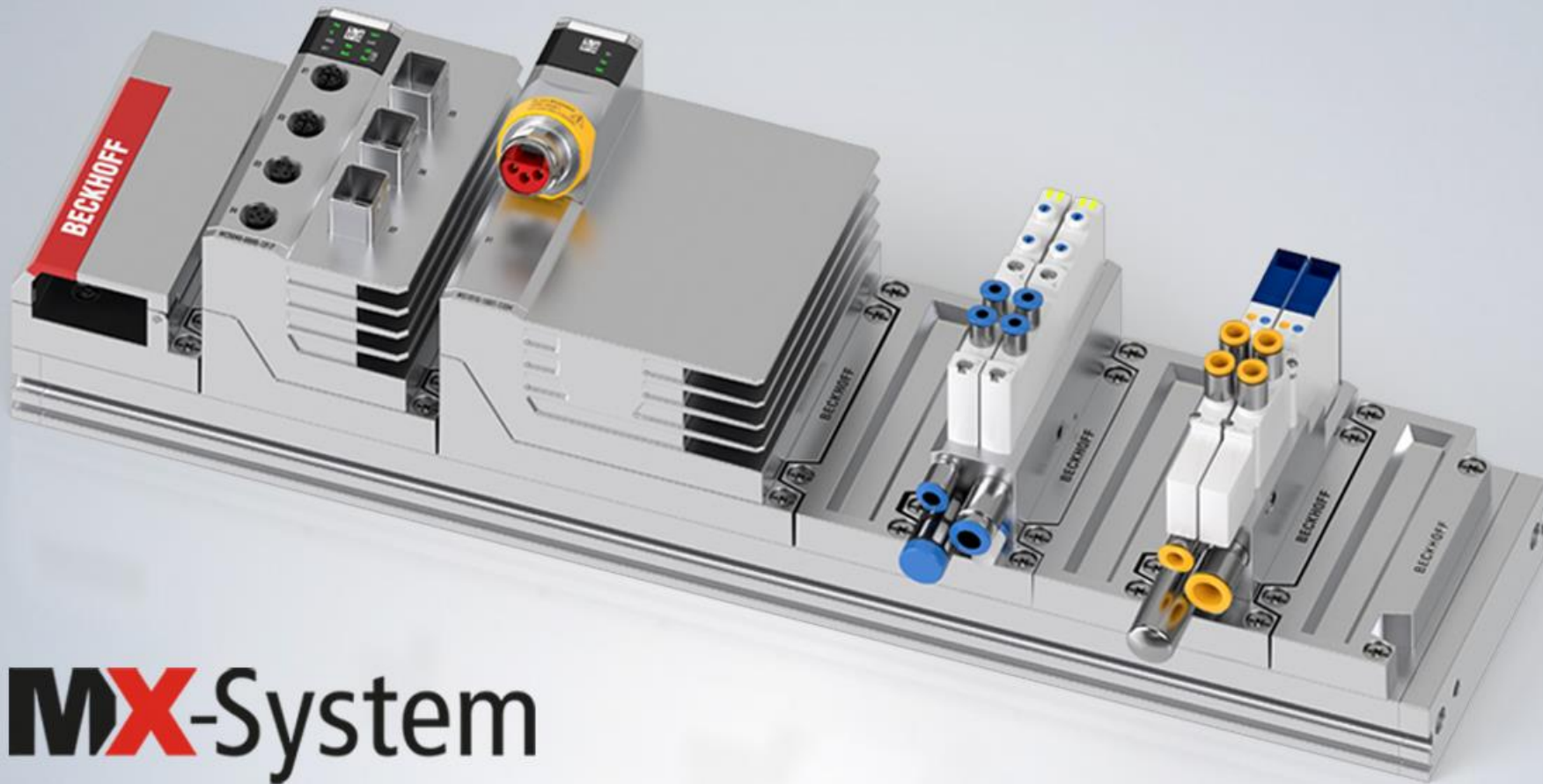
Additionally:

- mounting/wiring
- cabinet space
- cooling energy



MX-System Pneumatic valves

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MX-System

MX-System Infrastructure module

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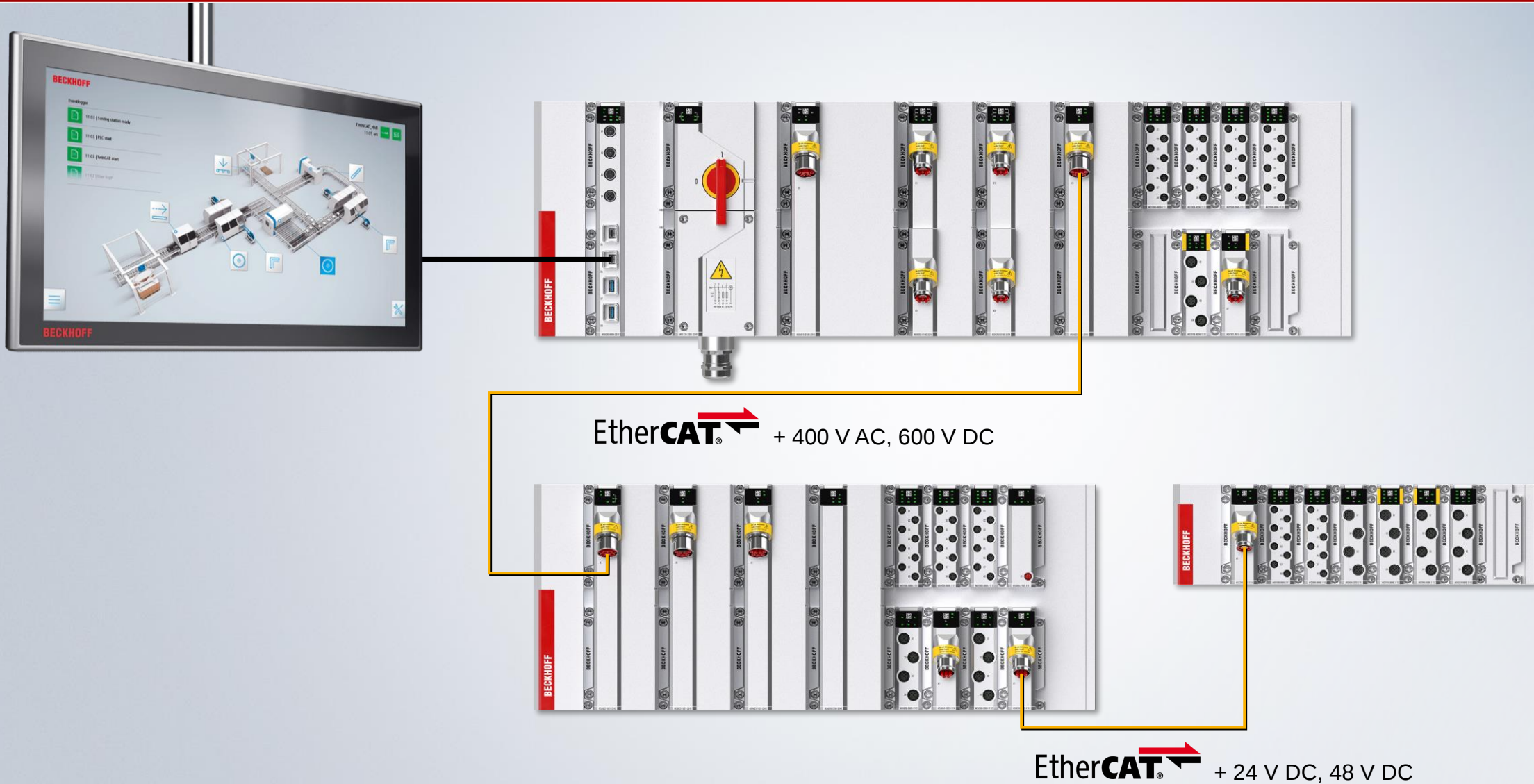


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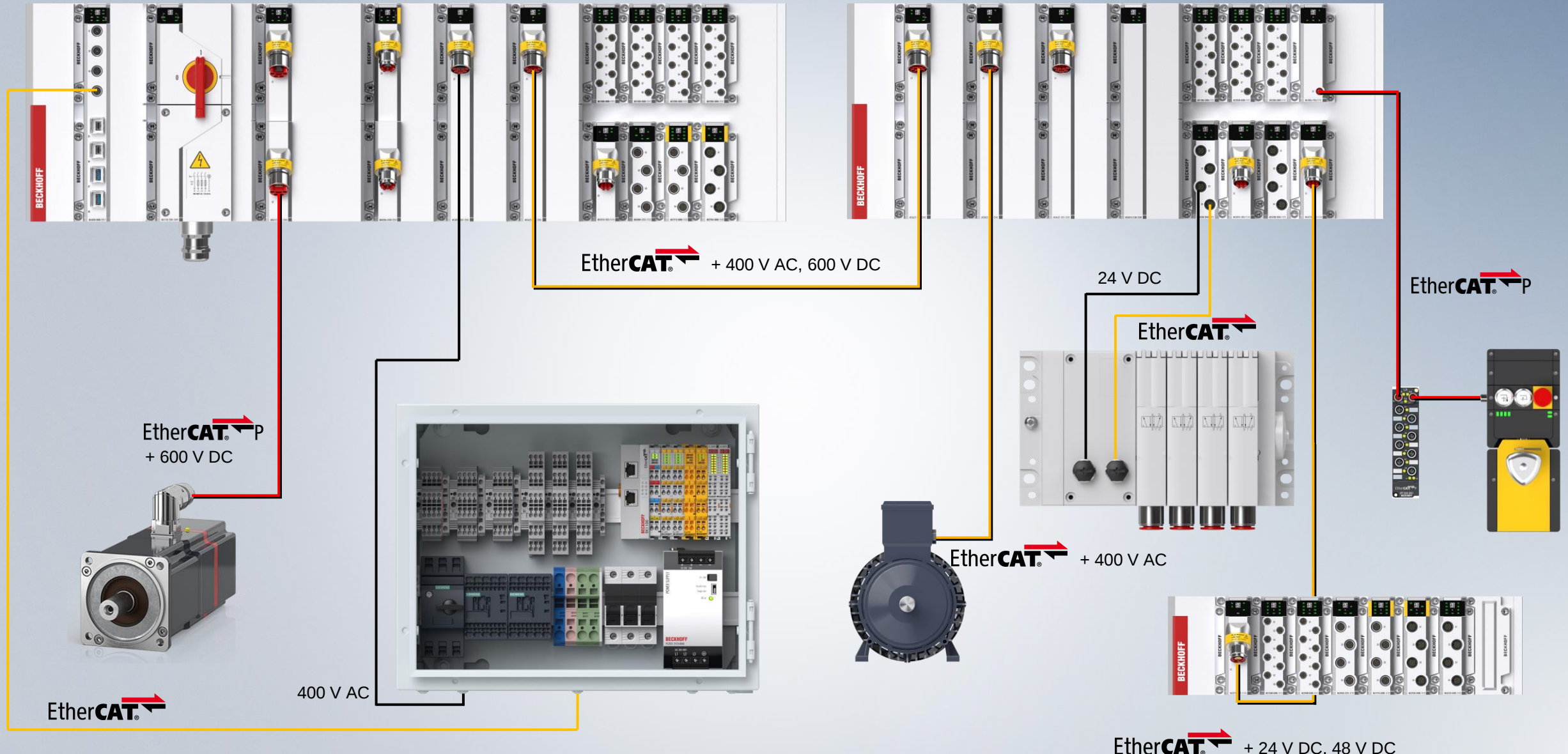
Three MX-System stations instead of one control cabinet

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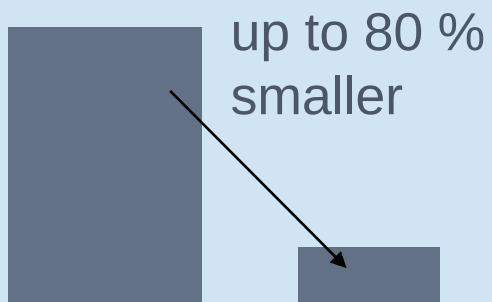


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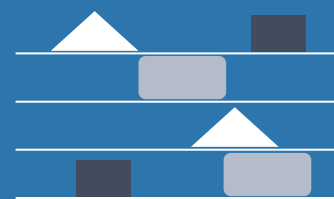
Size



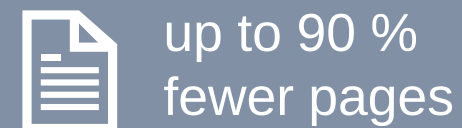
Weight



Parts



Circuit diagram



Effort

- 96 %

in MX-System
solution

1 Tool



instead of 17

Zero



energy for cooling

100 %

Ether**CAT**® 

EtherCAT functions