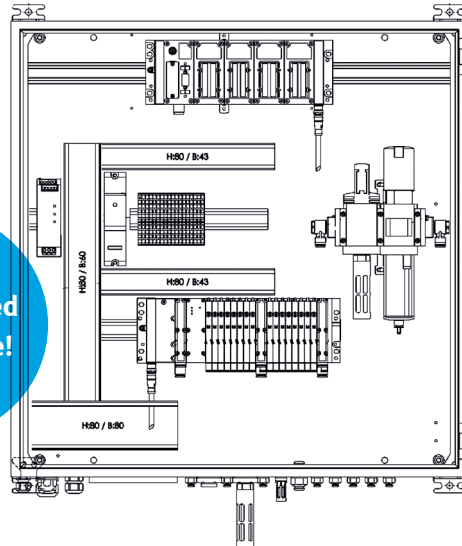


Standardised ATEX control cabinet YCCP

FESTO

Standardised
and flexible!



Safety faster!

Highlights

- Standard control cabinet for flexible setup
- Approved for ATEX zone 2/22 (3GD)
- Proven remote I/O technology from terminal CPX
- Choice of pre-assembled configurations
- CPX-P (Exi) variants
- 3/2-way and 5/2-way valve functions

Combine maximum standardisation with the greatest possible flexibility. The standardised ATEX control cabinet YCCP saves time and money through maximum standardisation of your system components. The cabinets are approved for zone 2/22 (3GD), while the integrated, modular terminal CPX as a remote I/O ensures a high level of flexibility.

One for all

The control cabinet can be quickly and flexibly set up by selecting the pre-assembled configurations for digital input signals and outputs of the pneumatic process valves.

Short delivery time and an attractive price

Thanks to standardisation, your ATEX control cabinet is built, tested and delivered in just three weeks. And is attractively priced too.

Always the right remote I/O configuration

84 electrical signals and 32 pneumatic outputs provide you with all the options you need. And with complete flexibility in how you set up your valve terminal combination CPX/MPA.

Flexibility despite maximum standardisation

One for all

Whichever variant you choose, the control cabinet is always the same. Its basic design means it can be flexibly used in all pre-assembled configurations.
Its dimensions are: 760 x 760 x 300 (LxWxH)

Choice of power supply

Both 24 V DC and 230 V AC are possible. If you want to operate a cabinet with an input voltage of 230 V AC, an additional power supply unit is installed. The variant with 24 V DC does not need a power supply unit.

Disconnecting from the power supply

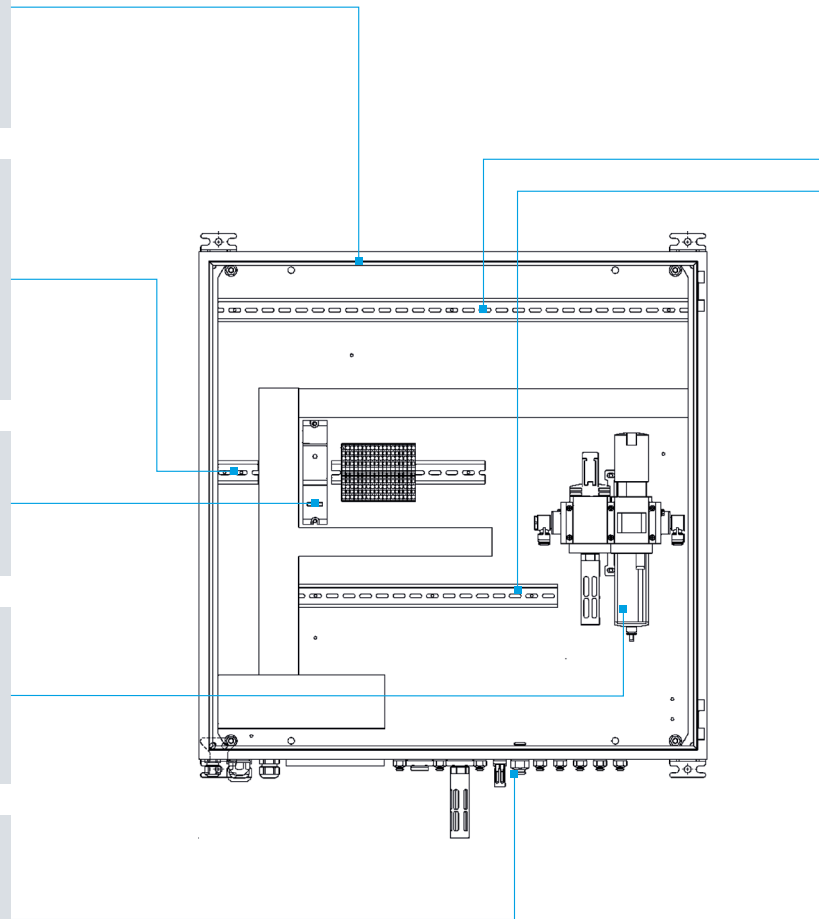
Each cabinet has a circuit breaker for conveniently switching the cabinet on and off.

Clean air, tried and tested service unit

Best compressed air for trouble-free and prolonged operation: the tried and tested MS6 service unit series with on-off valve and pressure regulator ensures first-rate compressed air preparation.

Numerous connection options

A maximum of 84 electrical signals can be introduced into the cabinet via a cable throughfeed plate in the floor of the cabinet. The pneumatic components can actuate up to 32 process valves.



Certification

The cabinet is certified in accordance with the ATEX Directive 2014/34/EU and can be used in zone 2/22 (3GD).

Safety faster!

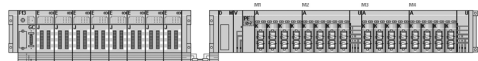
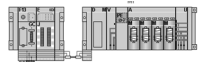
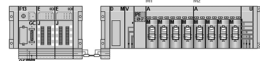
The pre-assembled variants ensure an optimised delivery time for your control cabinet of just three weeks.

Easy connectivity: remote I/O

The proven technology of the modular electrical terminal CPX enables you to integrate pneumatic and electrical control chains easily, quickly, flexibly and seamlessly into all automation concepts and company-specific standards.

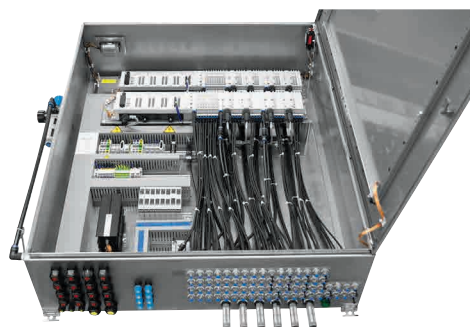
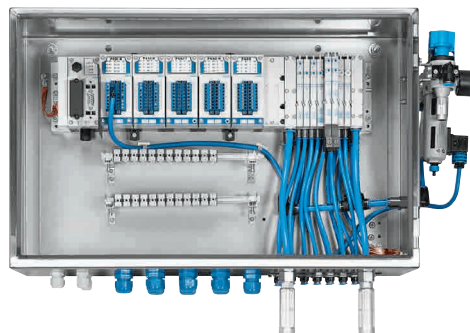
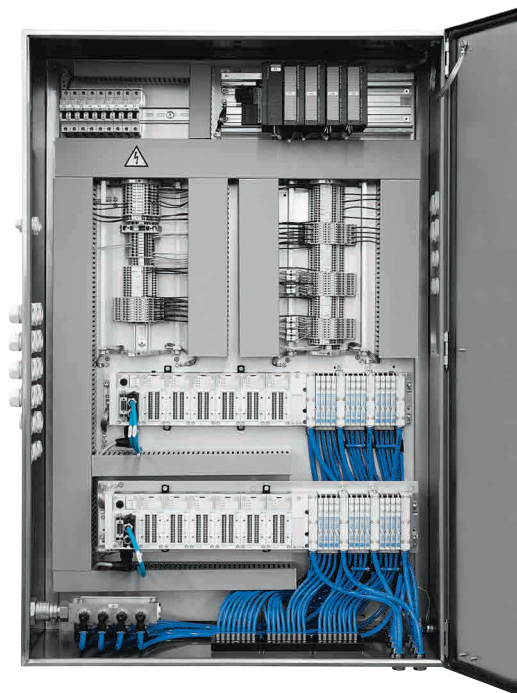
Durable and sturdy valve terminal

The valve terminal MPA actuated via the extension is impressively durable. The 3/2-way and 5/2-way valves with a flow rate of up to 360 l/min are extremely sturdy and fast-switching. You can find more details at → www.festo.com.

Variant	Designation	DI	3/2-WV	5/2-WV	Feedback	Illustration
01.01	YCCP-S-EX-8DI4K	8	8		1	
01.02	YCCP-S-EX-16DI4K	16	8		2	
01.03	YCCP-S-EX-16DI8K	16	16		1	
01.04	YCCP-S-EX-32DI8K	32	16		2	
01.05	YCCP-S-EX-24DI12K	24	24		1	
01.06	YCCP-S-EX-48DI12K	48	24		2	
01.07	YCCP-S-EX-32DI16K	32	32		1	
01.08	YCCP-S-EX-64DI16K	64	32		2	
01.25	YCCP-S-EX-8DI4M	8		4	2	
01.26	YCCP-S-EX-16DI8M	16		8	2	
01.27	YCCP-S-EX-24DI12M	24		12	2	
01.28	YCCP-S-EX-32DI16M	32		16	2	
Free to configure						
01.99	YCCP-S-EX-xxDIxxKM	Max. 32 pneumatic outputs and 84 electrical signals possible				
Intrinsically safe variant (Exi)						
01.50	YCCP-S-EX-16Exi8K	16	8		1	
01.51	YCCP-S-EX-32Exi16K	32	16		1	

Can't find the standard you need?

Benefit from our many years of experience in the ATEX project business. We can also fulfil other requests not covered by the standard cabinet YCCP for you. With our global sales network we are present in every country in the world, offering the support you expect.



Control cabinets for nearly all ambient conditions

Design conforms to:

- EN 60204-1
- ATEX zone 1 and 21
- ATEX zone 2 and 22
- UL-508A
- EN ISO 13849

- Compliance with special cleanliness and hygiene requirements
- Special materials, e.g. stainless steel
- Protected against liquids and foreign matter
- Heating or cooling elements
- For clean rooms: exhaust air channelled to the outside

- Intrinsically safe valve terminals
- Hot-swap function: replacement of individual valves during operation
- Safe thanks to locking system: to switch off, all employees responsible must remove their lock
- Different supply voltages

- Customised documentation if necessary

Would you like to know more?
Simply contact your
technical consultant at Festo.

Festo AG & Co. KG

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