Mounting attachments

Technical data

Mounting attachments enable valve terminals to be attached to walls and machine parts
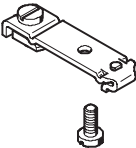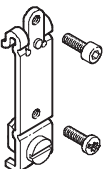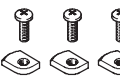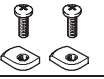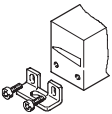

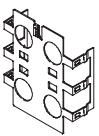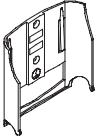| Ordering data – H-rail mountings						
View	Product weight [g]	Material	Function	Dimensions [mm]	Part No.	Type
	69.6	Cold rolled steel	Mounting accessories (set) for H-rail mounting. Enables suitable valve terminals/modules to be attached to an H-rail. Has a small swivel lever on the right and left and mounting accessories.	62x24x13.5 (LxWxH) Material thickness: 3	**18 649**	**IBGH-03-4,0**
	79.5		Mounting accessories (set) for H-rail mounting. Enables suitable valve terminals/modules to be attached to an H-rail. Has a small swivel lever on the left, a large swivel lever on the right and mounting accessories.	62x24x13.5 81x24x13.5 (LxWxH) Material thickness: 3	**18 747**	**IBGH-03-7,0**
	44.1		Mounting accessories (set) for H-rail mounting. Enables suitable valve terminals/modules to be attached to an H-rail. Has a small swivel lever on the right and mounting accessories.	62x24x13.5 (LxWxH) Material thickness: 3	**526 033**	**CPX-03-4,0**
	48.3		Mounting accessories (set) for H-rail mounting. Enables suitable valve terminals/modules to be attached to an H-rail. Has a large swivel lever on the right and mounting accessories.	81x24x13.5 (LxWxH) Material thickness: 3	**526 034**	**CPX-03-7,0**

Mounting attachments

Technical data

Ordering data – General attachments

View	Product weight [g]	Material	Function	Dimensions [mm]	Part No.	Type
	35.1	Steel/polymer material	Base for H-rail mounting. Is screwed onto the component and the entire unit can then be placed on an H-rail.	47x12x18.1 (LxWxH)	**170 169**	**CP-TS-HS-35**
	29.9	Cold rolled steel	Mounting rail for H-rail mounting. Is screwed onto the component and the entire unit can then be placed on an H-rail. Includes M4x10 screw (combi cross-slot screws).	49.1x13x8.7 (LxWxH) Material thickness: 2	**527 392**	**CPASC1-BG-NRH**
	15.2	Cold rolled steel	Mounting rail for H-rail mounting. Is screwed onto the component and the entire unit can then be placed on an H-rail. Includes 2 M3x6 screws (Torx).	55.1x13x7.7 (LxWxH) Material thickness: 2	**536 689**	**CPX-MMI-1-NRH**
	10.5	Cold rolled steel	Clamping components for H-rail mounting. Are screwed onto the component and clamp it onto an H-rail. Includes M4x12 screw (combi cross-slot screws).	8 x 11.8 (LxW) Material thickness: 2.5	**526 032**	**CPX-CPA-BG-NRH**
	8.8				**173 498**	**CPA-BG-NRH**
	600	Steel	H-rail Is screwed onto an even surface (wall) and can then support a large number of components.	35 x 7.5 (WxH) Material thickness: 1 Length acc. to requirements	**35 430**	**NRH-35-2000**

Ordering data – Wall mountings

View	Product weight [g]	Material	Function	Dimensions [mm]	Part No.	Type
	8.8	Fine grained cold pressed steel	Mounting bracket for mounting valve terminals on even surfaces. Includes 2 M3x9 screws (internal hexagon socket SW 2.5)	18 x 15 (LxW) Material thickness: 2	**534 416**	**VMPA-BG-RW**
	23.5	Structural steel	Mounting bracket for mounting valve terminals on even surfaces. Includes 2 M3x10 screws (cross slot).	20 x 34 (LxW) Material thickness: 2	**18 678**	**IBGW-03**
	28.8	Semi-aromatic polyamide (IXEF)	Mounting bracket, acts as additional mounting for larger valve terminals	15x10.8x17.5 (LxWxH)	**529 040**	**CPX-BG-RW-10x**

Mounting attachments

Technical data

| Ordering data – General attachments						
View	Product weight [g]	Material	Function	Dimensions [mm]	Part No.	Type
	20	Tin-plated bronze	Screening plate, is placed on a CPX module and screens it electromagnetically.	59.9x50.5x16 (LxWxH)	**526 184**	**CPX-AB-S-4-M12**
	25.2	Steel	Allows the MMI to be mounted at any position	84.3x92 (WxH)	**534 705**	**CPX-MMI-1-H**
	0.7	Galvanised free cutting steel	Is inserted in holes on a housing plate and enables a Sub-D plug to be screwed on	L: 10; M4 thread	**366 598**	**4-40UNC**
				L: 10; M3 thread	**340 960**	**UNC 4-40/M3x5**
				L: 11; M3 thread	**533 000**	**UNC 4-40/M3x6**
	60	Acc. to individual components	Mounting set for CDVI valve terminal; for mounting on machine parts	–	**534 436**	**CDSV5.0**
	–	Galvanised steel	Screw available as spare part, to DIN 912	L: 45; thread: M3	**527 643**	**M3x45**
	23.9	Tempered steel	Tie rod, allows CPX individual components to be assembled to form a unit. Available in different lengths for a different number of modules, standard thread M4.	60 (L) Expansion for 1 module	**525 418**	**CPX-ZA-1-E**
	42.1			72.1 (L) 1 module	**195 718**	**CPX-ZA-1**
	73.7			122.2 (L) 2 modules	**195 720**	**CPX-ZA-2**
	103.9			172.3 (L) 3 modules	**195 722**	**CPX-ZA-3**
	133			222.4 (L) 4 modules	**195 724**	**CPX-ZA-4**
	167.7			272.5 (L) 5 modules	**195 726**	**CPX-ZA-5**
	197.3			322.6 (L) 6 modules	**195 728**	**CPX-ZA-6**
	225.4			372.7 (L) 7 modules	**195 730**	**CPX-ZA-7**
	254.4			422.8 (L) 8 modules	**195 732**	**CPX-ZA-8**
	280.3			472.9 (L) 9 modules	**195 734**	**CPX-ZA-9**
	310			523 (L) 10 modules	**195 736**	**CPX-ZA-10**

Mounting attachments

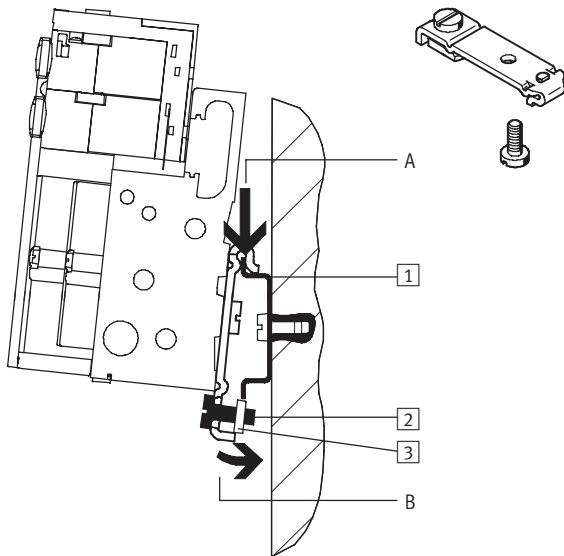Technical data

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Examples illustrating H-rail mounting

With swivel levers
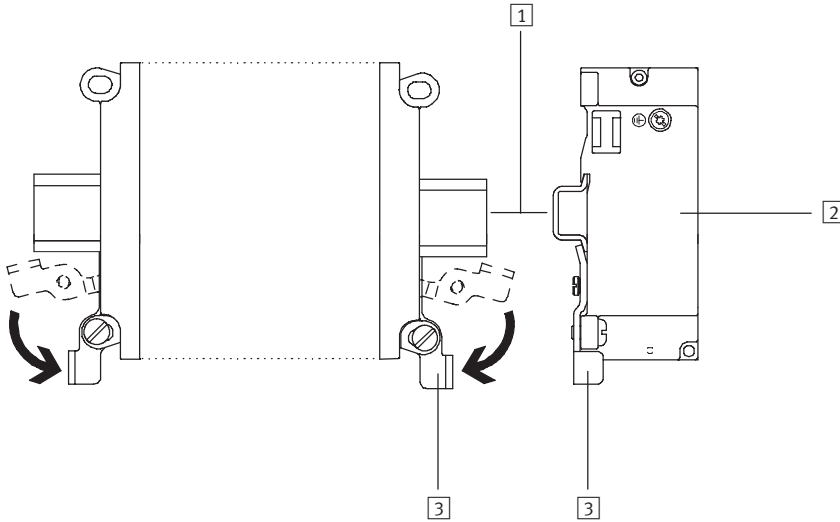
The valve terminal is attached to the H-rail and locked with the swivel lever.
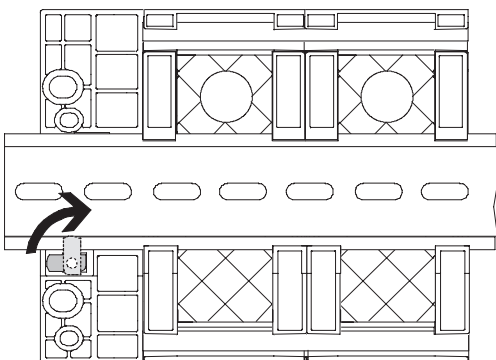
|1| H-rail
|2| Valve terminal
|3| Swivel lever

With mounting rail

The valve terminal is attached to the H-rail (see arrow A).
The valve terminal is then swivelled on the H-rail and secured in place with the clamping component (see arrow B).

|1| Holes for wall mounting
|2| Self-tapping M4x10 screw of the H-rail clamping unit
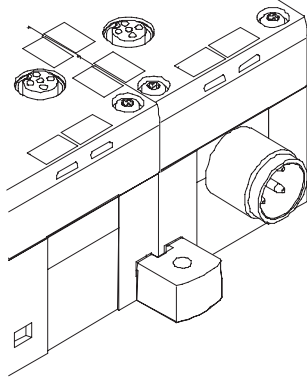|3| Clamping component of the H-rail clamping unit

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With clamping components

The H-rail mounting is pressed into the reverse profile of the (CPX) modules. The modules can be attached to the H-rail using the H-rail mounting.

➜ Internet: www.festo.com/catalogue/...
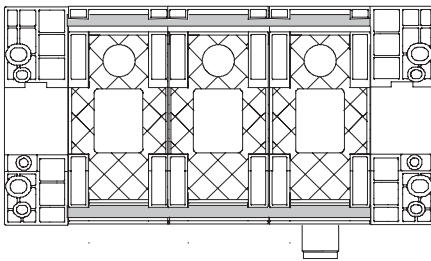
Examples illustrating wall mounting
With mounting bracket

For longer valve terminals, there is an additional mounting bracket (for the CPX terminal) that can be fitted in any module.
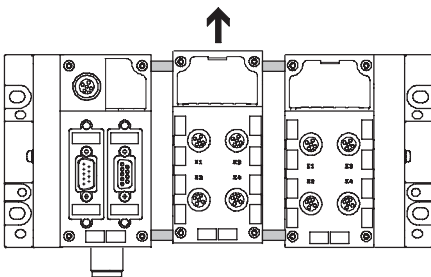
Examples illustrating general types of mounting
With tie rod

The mechanical connection between the CPX modules is created using special tie rods. Two screws in the end plates are all that are needed to mount the entire unit.

The tie rod ensures that the unit resists high mechanical loads and is therefore the "mechanical backbone" of the CPX terminal.

The open design allows interlinking blocks to be replaced in the assembled state.
The tie rod expansion kit allows an extra module to be added to the CPX terminal.