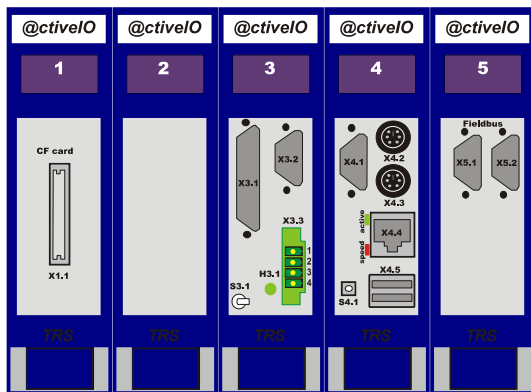


DIN rail mounted PC @C5xx



- Flexible PC-compatible processor unit
- Variable CPU-performance
- Deep / short housing
- Variable fieldbus interfaces (PB/IB/CAN)
- Free expandable PC104-System
- Individual Data Medium
- As PLC version available (@PLC-C5xx) programming language STEP7® / IEC61131

Pinout



Front		
1	X1.1	Compact Flash Adapter
2	-	
3	X3.1	LPT1
	X3.2	COM2
	X3.3	Power supply Pin1: 24V DC Pin2: GND Pin3: 24V DC Pin4: GND
	S3.1	ON/OFF switch
	H3.1	LED "Power ON"
4	X4.1	VGA
	X4.2	Keyboard
	X4.3	COM1
	X4.4	100Mbit Ethernet
	X4.5	2x USB Type A
	S4.1	RESET Button
5	X5.1	Config. Fieldbus (e.g. Profibus DP)
	X5.2	Fieldbus (e.g. Profibus DP)

Attributes

@C5xx is DIN rail mounted PC and the most flexible CPU of the @ctiveIO system.
Configuration examples from a wide catalog:

housing*: flat / deep
housing length*: short / long
*) see mechanical data

CPU-Performance: Geode™ LX800
..... Intel® Celeron® M 1GHz ULV
Fieldbus: Fieldbus-Master- / Slave-Modules
..... (Profibus, CAN, InterBus, DeviceNet, ASI)
Interfaces: any PC-interfaces
PC104 – plug-in stacks: single / double
UPS: option (only in deep housing)
Data medium: CompactFlash, Flashdisk, Harddrive
..... shock and vibration protected

@ctiveIO-BUS:
@C5xx supports all modules of @ctiveIO-Line.

- Additional Systemfunctions:**
Hardware supervisor system
- temperature control
 - power control
 - hardware watchdog *)
 - power fail system *)
 - supports UPS*)

*) on Request

Electrical Data

Power supply external..... 24V DC ± 20%
Operating current..... typ. 1A at 24V DC
dependent on equipment and power consumption CPU

Fuse..... electronic

DIN rail mounted PC @C5xx

System Information

System ID dependent on application

Environmental Conditions

Electromagnetic compatibility (EMC) EN 61000-4-2 (IEC-801-2) / EN 61000-4-4 (IEC-801-4)
 Operating temperature [°C] 0 ... +50
 Storage temperature [°C] -20 ... +70
 Humidity (rel) 98 % (non condensing)
 Protection class* IP 20 (DIN 40 050)
 *) The protection class is valid only with housing and connector installed

Mechanical Data

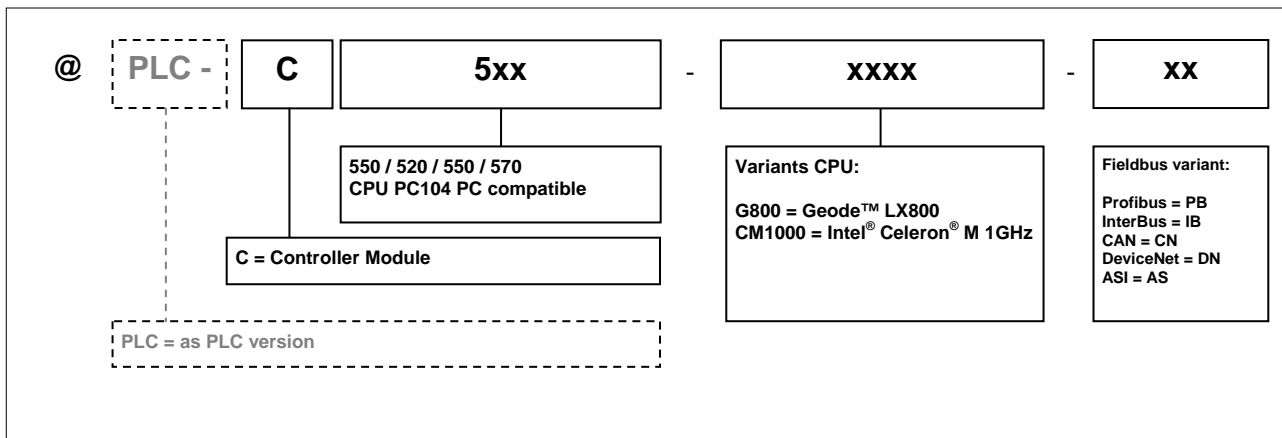
Weight dependent on equipment and housing
 Without UPS approx. 1.5 kg, flat, short housing
 With UPS approx. 3.0 kg, deep, long housing

Dimension

Four Controller variants in different length and housing are available:
PC104 System with flat / deep housing and short / long length

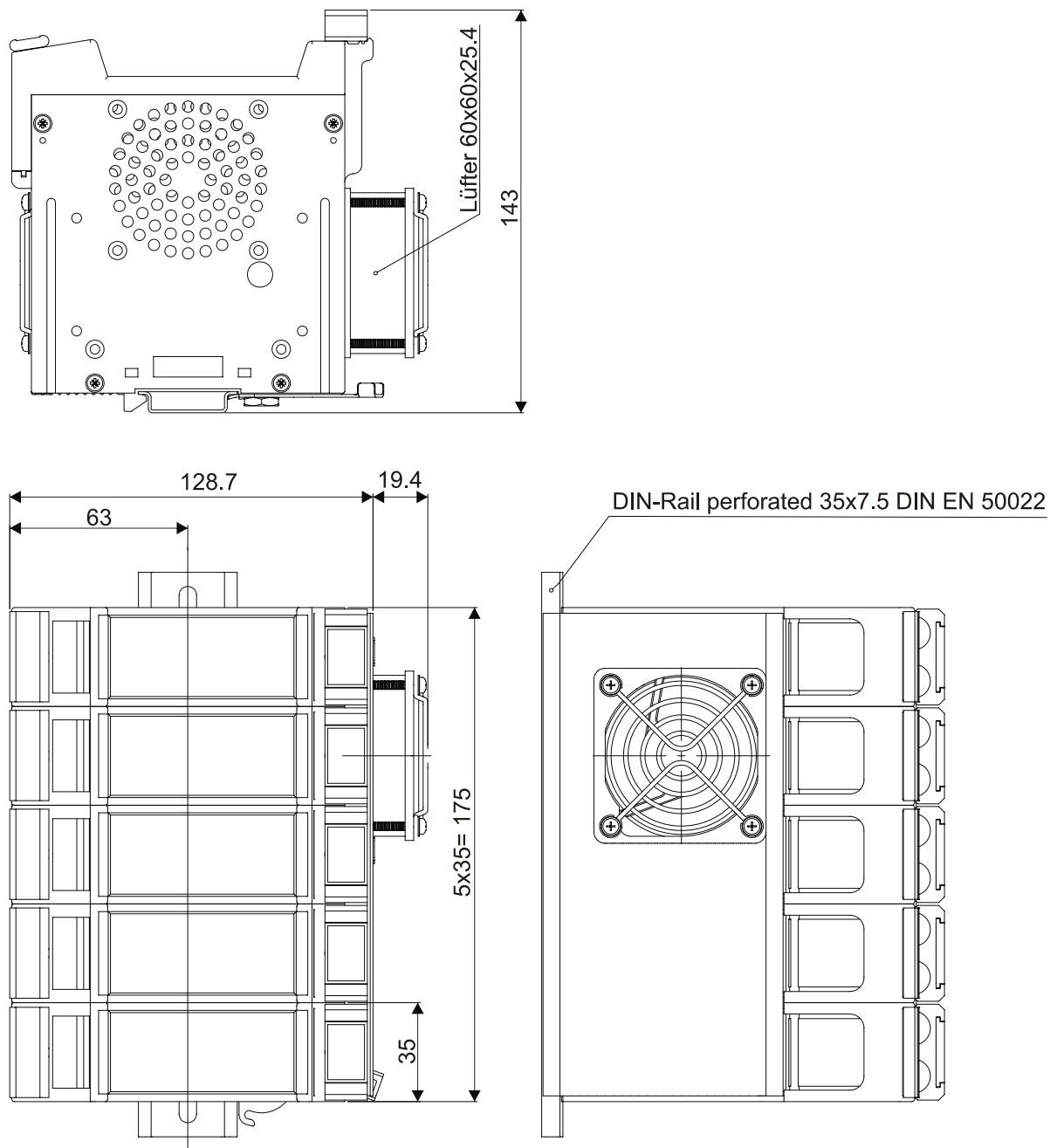
Controller	Housing
@C500	flat / short PC104 system Dimension: 100,5 / 175
@C520	flat / long 2 x PC 104 system Dimension: 100,5 / 280
@C550	deep / short PC 104 system Dimension: 142,7 / 175 (see appendix Drawing)
@C570	deep / long 2 x PC 104 system Dimension: 142,7 / 280

Ordering Key



DIN rail mounted PC @C5xx

Drawing @C550



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DIN rail mounted PC @C5xx

notes:

History

Rev	Description	Date
01	New design / Pinout and Interfaces changed	19.07.2007