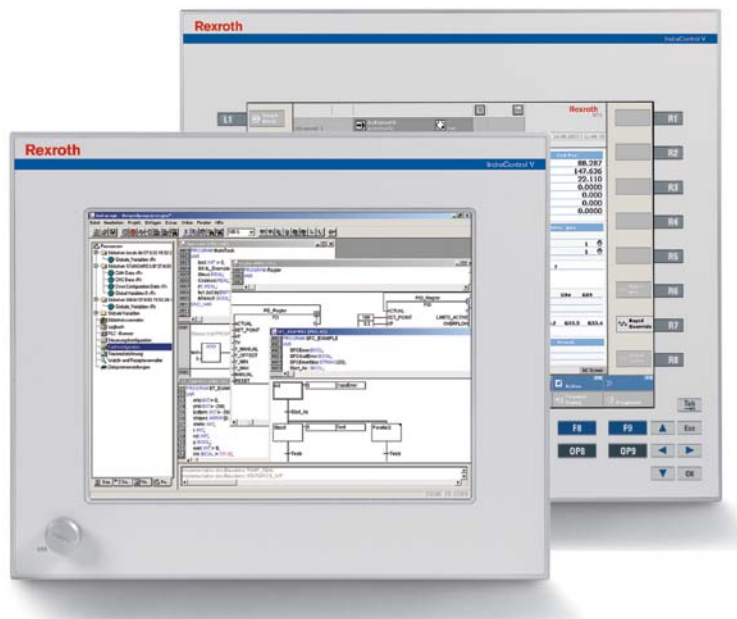


Compact PC

12" display

IndraControl VPP 16



Compact PC

**12" display ■ IndraControl VPP 16**

Documentation  
Project Planning  
Manual

**Technical data**

	VPP 16.3 BK	VPP 16.3 DB
<b>Processor</b>		
CPU	Celeron P4500 1.86 GHz Core i5-520M 2.4 GHz Core i7 620M 2.66 GHz	Celeron P4500 1.86 GHz Core i5-520M 2.4 GHz Core i7 620M 2.66 GHz
Operating system	Windows XP Windows 7	Windows XP Windows 7
<b>Hardware</b>		
PCI/PCIe slots	1/0   2/0   1/1   4/0   2/2	1/0   2/0   1/1   4/0   2/2
Hard disk	1 x 160 GB (Default)	1 x 160 GB (Default)
Hard disk (RAID 1)	2 x 160 GB (Optional)	2 x 160 GB (Optional)
Solid State Disk SSD	100 GB (Optional)	100 GB (Optional)
DVD-ROM/DVD-RW	DVD recorder (Optional)	DVD recorder (Optional)
<b>Memory</b>		
Application	2 GB 4 GB	2 GB 4 GB
<b>Display</b>		
Type	TFT	TFT
Size	30.5 cm (12")	30.5 cm (12")
Colors/gray tones	256.000	256.000
	Colors	Colors
Resolution	800 x 600	800 x 600
<b>Operation</b>		
Type	keyboard operation	touch operation
Function keys	16	0
Machine keys	16	0
Additional keys	14	0
Keyboard	Additional components VAK	Additional components VAK
Status-LED	Voltage	Voltage
	Hard disk	Hard disk
	Temperature	Temperature
	UPS	UPS

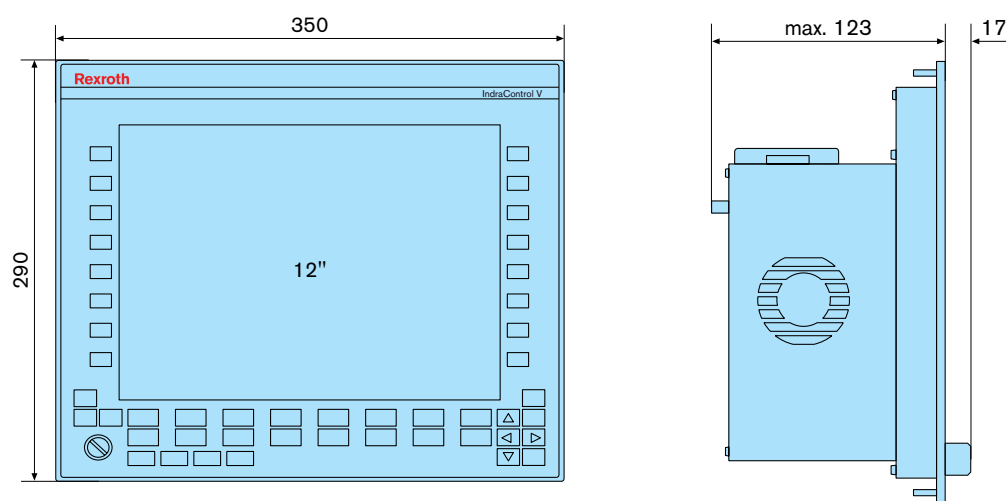
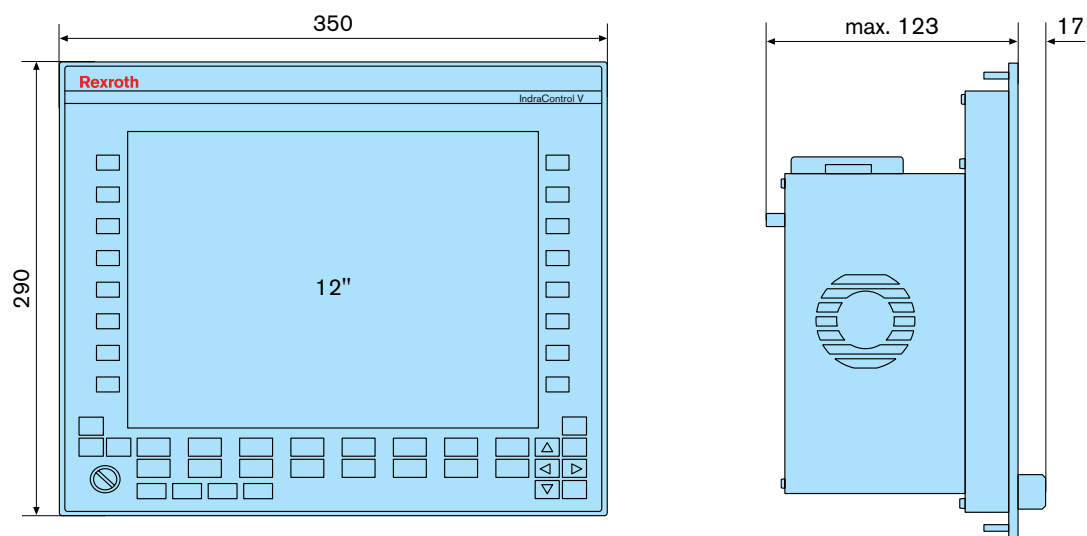
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Interfaces			
Ethernet		2 x Ethernet TCP/IP	2 x Ethernet TCP/IP
USB		6 x USB 2.0	6 x USB 2.0
		1 x USB Front	1 x USB Front
Externer Servicemonitor		1 x VGA	1 x VGA
Electrical data			
Supply voltage	U	24 V DC	24 V DC
Min.	U min	19 V DC	19 V DC
Max.	U max	30 V DC	30 V DC
Power consumption	[W]	160	160
UPS		External	External
Protection			
Category at front		IP65	IP65
Category at rear		IP20	IP20
Other			
Colors		Light-grey RAL 7035	Light-grey RAL 7035
Load			
Vibration resistance	[g]	1	1
			1 g
Shock resistance	[g]	15	15
			15 g
Norms and standards			
Certification		CE/UL/CSA	CE/UL/CSA
Ambient conditions			
Permissible temperature (operation)		+5 °C ... +45 °C	
Permissible relative humidity (operation)		5 % ... 85 %, EN 61131-2	

**Dimensions**

Compact PC

**12" display ■ IndraControl VPP 16**

		VPP 16.3 BK	
<b>Dimensions</b>			
Height H, 1 slot	[mm]	290	
Width B, 1 slot	[mm]	350	
Depth T, 1 slot	[mm]	115	
Height H, 4 slots	[mm]	290	
Width B, 4 slots	[mm]	350	
Depth T, 4 slots	[mm]	123	

**Ordering information**

Type code	Description	Part number:
VPP16.3DBM-4G0NN-D5D-DN-NN-FW	IndraControl VPP 60, 19" display, touch screen, CPU L2400, 1GB RAM, 4 x PCI slot, 80 GB HDD	R911172985

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Type code	Description	Part number:
VAP01.1H-W23-024-010-NN	Voltage supply, 24 V DC power supply unit, 100-120/200-240 V AC Auto Select	R911171065
VAU01.1U-024-024-240-NN	Uninterruptible power supply UPS, 24 V DC, 240 watts	R911171024

Type code	Description	Part number:
FWA-VS3VP3-WXP-03VRS-A0-OEM	Firmware, Windows XP englisch operating system with MUI-language extension (German, French, Italian, Spanish, Portuguese, Swedish)	R911172447
FWA-VS3VP3-WXP-03VRS-A0-OEM A1	Firmware, Windows XP englisch operating system with MUI-language extension (German, French, Italian, Spanish, Portuguese, Swedish) and Acronis data backup software	R911172448
FWA-VP3***-W7*-01VRS-A0-OEM	Firmware, operating system Windows 7 (64-bit) English with language extensions (German, French, Italian, Spanish, Portuguese, Swedish)	R911172607
FWA-VP3***-W7*-01VRS-A0-OEM A1	Firmware, operating system Windows 7 (64-bit) English with language extensions (German, French, Italian, Spanish, Portuguese, Swedish) and Acronis data backup software	R911172608

Type code	Description	Part number:
DOK-SUPPL*-VPP*XX.3***-PR03-DE-P	IndraControl VPP project planning	R911323510
DOK-SUPPL*-VPP*XX.3***-PR03-EN-P	IndraControl VPP project planning	R911323511

**Bosch Rexroth AG**

Postfach 13 57  
97803 Lohr, Germany  
Bgm.-Dr.-Nebel-Str. 2  
97816 Lohr, Germany  
Tel. +49 9352 18-0  
Fax +49 9352 18-8400  
[www.boschrexroth.com/electrics](http://www.boschrexroth.com/electrics)

**Local contact information can be found at:**

[www.boschrexroth.com/adressen](http://www.boschrexroth.com/adressen)

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