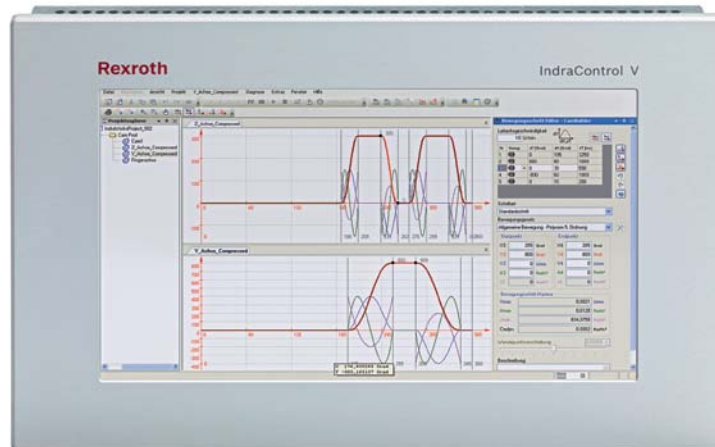


Compact operator panels

9" display

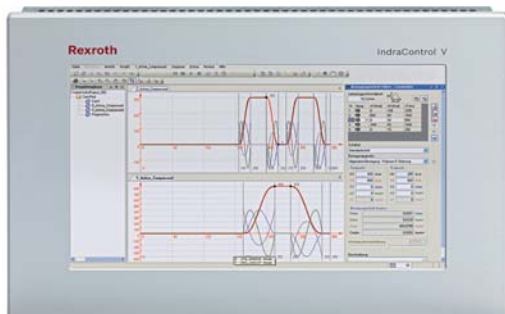
IndraControl VR2109



Compact operator panels

9" display ■ IndraControl VR2109

Documentation

**Technical data**

	VR2109 AA	VR2109 CA
Processor		
CPU	ARM Cortex A8 800 MHz	
Memory		
Use / application	512 MB	
Flash size	256 MB	
Display		
Type	TFT widescreen	
	Graphic-oriented	
Size	22,8 cm (9")	
Colors/gray scales	16.77 million	
Resolution	800 x 480	
Operation		
Type	Touch screen - resistive	Touch screen - capacitive
Interfaces		
Ethernet	1 x Ethernet TCP/IP	
USB	2 x USB-Host	
Electrical data		
Power supply U	24 V DC	
U _{min} ... U _{max}	19 V DC ... 30 V DC	
Power consumption	14,4 W	16,8 W
Protection		
Degree of protection front	IP65	
Degree of protection rear	IP20	
Environmental conditions		
Permissible temperature (operation)	0 °C ... +50 °C	
Permissible humidity (operation)	20% ... 85%, EN 61131-2	
Weight		
Weight	1,3 kg	

Compact operator panels

9" display ■ IndraControl VR2109**Dimensions**

		VR2109 AA	VR2109 CA
Dimensions			
Width A	[mm]	178	
Height B	[mm]	263	
Depth C	[mm]	50	
Screen size X	[mm / "]	228 / 9	

Ordering information

Type code	Description	Material number:
VR2109.01-00-01-N2-NNN-AA	IndraControl VR2109-resistive touch screen	R911340051

Type code	Description	Material number:
VR2109.01-00-01-N2-NNN-CA	IndraControl VR2109-capacitive touch screen	R911340506

Accessories

Type code	Description	Material number:
VAP01.1H-W23-024-010-NN	External 24 V power supply unit	R911171065

Documentation

Type code	Description	Material number:
DOK-SUPPL*-VR21**.01**-ITRS-DE-P	IndraControl VR21 operating instructions (DE)	R911339475
DOK-SUPPL*-VR21**.01**-ITRS-EN-P	IndraControl VR21 operating instructions (EN)	R911339476
DOK-SUPPL*-VR21**.01**-ITRS-ES-P	IndraControl VR21 operating instructions (ES)	R911342863
DOK-SUPPL*-VR21**.01**-ITRS-FR-P	IndraControl VR21 operating instructions (FR)	R911342861
DOK-SUPPL*-VR21**.01**-ITRS-IT-P	IndraControl VR21 operating instructions (IT)	R911342862
DOK-SUPPL*-VR21**.01**-ITRS-ZH-P	IndraControl VR21 operating instructions (ZH)	R911342864

Accessories**Auxiliary components**

Description		
HMI/industrial PC	Accessories	IndraControl VAC, VAP, VAU

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The data specified above only serve to describe the product. As our products are constantly being further developed, no statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification.

It must be remembered that our products are subject to a natural process of wear and aging.