

# B-PRIMIS DC-PRO 7

## INFORMATION TECHNICAL DATA

B-Primis DC-PRO 7	Specification				
	DC-PRO 7 S01	DC-PRO 7 S02	DC-PRO 7 S03	DC-PRO 7 S04	DC-PRO 7 S05
Order number	<b>S-01010103-0104</b>	<b>S-01010103-0204</b>	<b>S-01010103-0304</b>	<b>S-01010103-0404</b>	<b>S-01010103-0504</b>
Order number Dualcore	-	-	-	<b>S-01010103-2404</b>	<b>S-01010103-2504</b>
Dimensions WxHxD [mm]	224 x 152 x 45				
Display diagonals/re-resolution	7" Display / 800 x 480 (WVGA)				
Touch operation	Resistive				
Colours	TFT: 16,7 M (24 Bit/Pixels)				
Weight	approx. 600 g				
Mounting	Integrated securing clips				
Certification	CE (EN 61131-2) / <sub>c</sub> UL <sub>us</sub> (UL 61010-2-201)				
CPU	800 MHz ARM® CPU with Cortex™-A9 Single Core / Dualcore: 800 MHz ARM® CPU with Cortex™-A9				
RAM / Flash / Retain	256 MB RAM / 256 MB Flash / 100 kb Retain				
Dualcore	-	-	-	512 MB RAM / 256 MB Flash / 100 kb Retain	
Communication interfaces	1x Ethernet, 10/100 Base, RJ45				
	1x EtherCAT, RJ45				
	-	-	1x CAN Bus, RJ45		2x CAN Bus, RJ45
	-	-	-	1x RS232/485 Combo	
Protocols	Standard: EtherCAT Master, CANOpen Master, NTP, FTP Optional: Modbus RTU/TCP, SNMP, OPCuA, J1939, Ethernet/IP, PROFINET, BACnet, KNX, IoT				
Visualization	Target Visu (VNC Server), Optional: Web Visu (Web Server, HTML5)				
Additional features	1x Host USB 2.0 / USB plug type A				
	-	-	1x Micro SD-Card slot up to 32 GB		
Digital I/O´s	4x digital input, 4x digital output (0,5A)				
Analogue I/O´s	- 4x analog input (-10V..+10V, 2x PT100/PT1000) Resolution: 24 Bit				
Supply voltage	+24 VDC (-15% / +20%) SELV max. AC voltage component 5% with reverse voltage protection				
Current consumption device	Typ. 0,3 A, max. 1,2 A at +24 VDC				
Current consumption dig. outputs	depending on output load, continuous max. 2A				
Operating conditions Transport / storage	Ambient temperature: operational: 0 °C to 55 °C / transport -20 °C to +70 °C Ambient temperature: operational Dualcore: 0 °C to 50 °C / transport -20 °C to +70 °C Relative humidity: max. 85%, non-condensing				

You can reach us at:

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<b>EMC, protection type</b>					
Emitted interference	EN 61131-2; EN 61000-6-3, living area				
Immunity to interference	EN 61131-2; EN 61000-6-2, industrial area				
Protection class	III				
Insulation strength	EN 61131-2				
Protection type	IP20, Front IP54 (IP65 only with twist locks catches tightened)				
Vibration	Sinusoidal (EN 60068-2-6) test: Fc;10 ... 150 Hz, 1 G (operation mode)				
Schock resistance	15 G (approx. 150 m/s <sup>2</sup> ), 10 ms duration, half-sine (EN 60068-2-27) test: Ea				

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