

B-PRIMIS DC-PRO 7

INFORMATION TECHNICAL DATA

B-Primis DC-Pro 7	Specification			
Description	DC-PRO 7 S01	DC-PRO 7 S02	DC-PRO 7 S04	DC-PRO 7 S05
Order number	S-01010103-0104	S-01010103-0204	S-01010103-0404	S-01010103-0504
Order number Dual-core	-	-	S-01010103-2404	S-01010103-2504
Dimensions WxHxD [mm]	224 x 152 x 45			
Display diagonals/ 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) / UL_{us} (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		
	1x μ SD-Slot			
Protocols	Standard: EtherCAT Master, CANOpen Master, NTP, FTP Optional: Modbus RTU/TCP, SNMP, OPCuA, J1939, Ethernet/IP, PROFINET, BACnet, KNX, IoT			
Visualization	Target Visu (Display), Optional: Web Visu (Web Server, HTML5)			
Additional features	1x Host USB 2.0 / USB plug type A			
	1x RTC, battery buffered			
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	Max. 0.3 A at +24 VDC			
Current consumption dig. outputs	depending on output load, continuous max. 2.7 A			
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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EMC, protection type				
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/s²), 10 ms duration, half-sine (EN 60068-2-27) test: Ea			

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