

B-PRIMIS DC-PRIME 7

INFORMATION TECHNICAL DATA

B-Primis DC-Prime 7	Specification				
Description	DC-Prime 7 S01	DC-Prime 7 S02	DC-Prime 7 S03	DC-Prime 7 S04	DC-Prime 7 S05
Order number	S-01010104-0104	S-01010104-0204	S-01010104-0304	S-01010104-0404	S-01010104-0504
Order number Dualcore	-	-	-	S-01010104-2404	S-01010104-2504
Dimensions WxHxD [mm]	197 x 136 x 56				
Display diagonals/ resolution	7" Display / 800 x 480 (WVGA)				
Touch operation	Capacitive, multitouch				
Colours	TFT: 16,7 M (24 Bit/Pixels)				
Weight	approx. 2,5 Kg				
Mounting	removable securing clips				
Certification	CE (EN 61131-2)				
CPU	800 MHz ARM® CPU with Cortex™-A9 Single Core / Dualcore: 800 MHz ARM® CPU mit Cortex™-A9				
RAM / Flash / Retain	512 MB RAM 512 MB Flash 100 kB Retain		512 MB RAM / 1 GB Flash / 100 kB Retain		512 MB RAM / 2 GB Flash / 100 kB Retain
Dualcore	-	-	-	1 GB RAM / 2 GB Flash / 100 kB Retain	
Communication interfaces	1x Ethernet, 10/100 Base, RJ4				
	1x EtherCAT, RJ45				
	-	-	1x CAN Bus, RJ45	2x CAN Bus, RJ45	
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	2x Host USB 2.0 / USB plug type A				
	1x RTC, battery buffered				
Digital I/O´s	-				
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. 0.6 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				

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EMC, Protection type					
Emitted interference	EN 61131-2; EN 61000-6-4, industrial 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 IP55				
Vibration	Sinusoidal (EN 60068-2-6) test: Fc; 10 ... 150 Hz, 1 G (operation mode)				
Schock resistance	15 G (ca. 150 m/s ²), 11 ms duration, half-sine (EN 60068-2-27) test: Ea				

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