

B-PRIMIS DC-PRIME 15

INFORMATION TECHNICAL DATA

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B-Primis DC-Prime 15	Specification				
Description	DC-Prime 15 S01	DC-Prime 15 S02	DC-Prime 15 S03	DC-Prime 15 S04	DC-Prime 15 S05
Order number	S-01010104-0108	S-01010104-0208	S-01010104-0308	S-01010104-0408	S-01010104-0508
Order number Dualcore	-	-	-	S-01010104-2408	S-01010104-2508
Dimensions WxHxD [mm]	391 x 241 x 55				
Display diagonals/re-resolution	15,6" Display / 1920 x 1080 Full HD				
Touch operation	Capacitive, multitouch				
Colours	TFT: 16,7 M (24 Bit/Pixels)				
Weight	approx. 3 Kg				
Mounting	removable securing clips				
Certification	CE (EN 61131-2)				
CPU	800 MHz ARM® CPU with Cortex™-A9 Single Core / Dualcore: 2x 800 MHz ARM® CPU mit Cortex™-A9				
RAM / Flash / Retain	512 MB RAM		512 MB RAM	512 MB RAM	
	512 MB Flash		1 GB Flash	2 GB Flash	
Dualcore	100 kB Retain		100 kB Retain	100 kB Retain	
	-	-	-	1 GB RAM	2 GB Flash
Communication interfaces	1x Ethernet, 10/100 Base, RJ45				
	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 (VNC Server), 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	- - - - 1x Micro SD-Card Slot bis 32 GB				
Analogue I/O´s	4x digital Inputs, 4x digitaler outputs (0,5A)				
Supply voltage	- 4x analog input (-10V..+10V, 2x PT100/PT1000) Resolution: 24 Bit				
Current consumption device	+24 VDC (-15% / +20%) SELV max. AC voltage component 5% with reverse voltage protection				
Current consumption dig. outputs	Typ. 0,8 A, max. 1,2 A at +24 VDC				
Operating conditions Transport / storage	depending on output load, continuous max. 2A				
	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 61000-6-4, 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 (approx. 150 m/s ²), 10 ms duration, half-sine (EN 60068-2-27) test: Ea				

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