

# B-PRIMIS DC-PRIME 15

## INFORMATION TECHNICAL DATA

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	<b>S-01010104-0108</b>	<b>S-01010104-0208</b>	<b>S-01010104-0308</b>	<b>S-01010104-0408</b>	<b>S-01010104-0508</b>
Order number Dualcore	-	-	-	<b>S-01010104-2408</b>	<b>S-01010104-2508</b>
Dimensions WxHxD [mm]	391 x 241 x 55				
Display diagonals/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 100 kB Retain	
Communication interfaces	1x Ethernet, 10/100 Base, RJ45				
	1x EtherCAT, RJ45				
	-	-	1x CAN Bus, RJ45		2x CAN Bus, RJ45
Protocols	-		-	1x RS232/485 combo	
	-		-	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 (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	-		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	Max. 0.9 A at +24 VDC				
Operating conditions Transport / storage	depending on output load, continuous max. 2.7 A				
	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:  
T: +49.7121.894-0 | E: controls@berghof.com  
Berghof Automation GmbH | Arbachtalstraße 26 | 72800 Eningen u.A.  
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<b>EMC; protection type</b>					
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 <sup>2</sup> ), 10 ms duration, half-sine (EN 60068-2-27) test: Ea				

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