

# B-NIMIS MC-CLASSIC/PRO

## INFORMATION TECHNICAL DATA

B-Nimis MC	Specification		Specification
	MC-CLASSIC S01	MC-CLASSIC S02	B-Nimis MC-PRO
Order number	<b>S-01030101-0100</b>	<b>S-01030101-0200</b>	<b>S-01030102-0100</b>
Dimensions WxHxD [mm]	25 x 124 x 83	25 x 124 x 83	25 x 124 x 83
Weight	approx. 150 g		approx. 150 g
Mounting	Rail mounting NS 35/7,5 EN 50022		Rail mounting NS 35/7,5 EN 50022
Certification	CE (EN 61131-2) / $\text{cUL}_{\text{us}}$ (UL 508)		CE (EN 61131-2) / $\text{cUL}_{\text{us}}$ (UL 508)
Development environment	CODESYS V2.3 (IEC61131-3)	CODESYS V3 (IEC61131-3)	CODESYS V3 (IEC61131-3)
CPU	Freescale PowerPC, 400 MHz		1 GHz Arm® Cortex A9
RAM /Flash /Retain storage	128 MB RAM /64 MB Flash /24 KB Retain		256 MB RAM /256 MB Flash / Retain substitution via CODESYS Persistence Manager
Communication interfaces	1x Ethernet, 10/100 Base T, RJ45		1x Ethernet, 10/100 Base, RJ45
	1x EtherCAT LVDS		1x EtherCAT, LVDS
	1x CAN Bus, 2x5 pol. plug (galvanically isolated with RS232 together)		1x CAN Bus, 2x5 pol. plug (galvanically isolated with RS232 together)
Protocols	1x RS232, 2x5 pol. plug (galvanically isolated with CAN together)		1x RS232, 2x5 pol. (galvanically isolated with CAN together)
	Standard: EtherCat Master, CANopen Master Optional: Modbus RTU M/S, Modbus TCP M/S		Standard: EtherCat Master, CANopen Master Optional: Modbus RTU M/S, Modbus TCP M/S, SNMP, PROFINET Slave, J1939, OPCuA, Ethernet/IP
Visualization	TargetVisu (VNC Server), WebVisu (WebServer, Java)	TargetVisu (VNC Server), WebVisu (WebServer,HTML5)	TargetVisu (VNC Server), WebVisu (WebServer, HTML5)
Additional features	1x host USB Rev. 1.1 / USB plug type A		1x host USB 2.0 / USB plug type A
	1x SD-Card slot (SD standard up to 2GB)		1x SD-Card slot (SDHC up to 32GB)
Digital I/O`s	1x RTC, battery buffered		1x RTC, battery buffered
Supply voltage	1x digital Input		1x digital interrupt-input
Current consumption	+24 VDC (-15% / +20%) SELV max. AC voltage component 5% with reverse voltage protection		+24 VDC (-15% / +20%) SELV max. AC voltage component 5% with reverse voltage protection
Operating conditions	Typ. 0,3A, max. 0,3 A at +24 VDC		Typ. 0,3A, max. 0,3 A at +24 VDC
	Transport / storage		Ambient temperature: operational: 0 °C bis 55 °C / transport -20 °C bis +70 °C Relative humidity: max. 85%, non-condensing

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B-Nimis MC		
Description	MC-CLASSIC S01/S02	B-Nimis MC-PRO
<b>EMC, protection type</b>		
Emitted interference	EN 61000-6-4, industrial sector	EN 61000-6-4, industrial sector
Immunity to interference	EN 61000-6-2, industrial sector	EN 61000-6-2, industrial sector
Protection class	III	III
Insulation strength	SELV ( $U_w < 30$ V) according EN 61131-2	SELV ( $U_w < 30$ V) according EN 61131-2
Protection type	IP20	IP20

### You can reach the sales team at:

T +49.7121.894-112 | [controls@berghof.com](mailto:controls@berghof.com)

Berghof Automation GmbH | Harretstraße 1 | 72800 Eningen u.A. | [www.berghof-automation.com](http://www.berghof-automation.com) | Changes and errors excepted.

