

BAUMÜLLER

BM 4414 -ST0 -01300-03

b maXX BM4000

BM4XXX - XXX - XXXXX[Ryy] - XX State of software controller (firmware)

01: Series version 1.x

03: Series version 3.x

3.1 Marking of the device - type key

The type key has the form: BM4XXX - XXX - XXXXX[Ryy] - XX. Directly behind the type key is the design code (-XXXX - X - XXX - XXX). The design code contains information, which only is important to Baumüller Nürnberg GmbH.

That's why in the following table only the type key is explained.

BM4XXX - XXX - XXXXX[Ryy] - [XXX] - XX	Device generation
BM4XXX - XXX - XXXXX[Ryy] - [XXX] - XX	Type
	4: Vector controller with and without encoder feedback (closed loop / open loop) 5: for M-controller oder V-controller developed devices, see manual 5.05022 6: Vector controller like 4, but optimized for max. peak current 7: Vector controller like 4, but optimized for max. nominal current
BM4XX - XXX - XXXXX[Ryy] - [XXX] - XX	Size of cabinet
	1 to 7 (from cabinet size 1 there are two different wide versions)
BM4XX - XXX - XXXXX[Ryy] - [XXX] - XX	Current grading (output rated current)
	0 to 6 (current value is dependent on the cabinet size), see appendix D
BM4XXX - XXX - XXXXX[Ryy] - [XXX] - XX	Cooling type
	- S: air-cooled with air supply and with air outlet in the control cabinet - A: air-cooled with air supply and with air outlet outside the control cabinet - Z: water-cooled with water cooler in the control cabinet - F: water-cooled with water cooler outside the control cabinet - C: (cold plate) cooling via mounting wall of the control cabinet
BM4XXX - XXX - XXXXX[Ryy] - [XXX] - XX	Mains type
	- T: TN- or TT-mains - I: IT-mains and "grounded delta"
BM4XXX - XXX - XXXXX[Ryy] - [XXX] - XX	Safety relay
	0: no module 1: Module with one relay and high power current contacts 2: Module with two relays and high power current contacts 3: Module with one relay and low current contacts 4: Module with two relays and low current contacts 5: Module with one relay and all current contacts 6: Module with two relays and all current contacts
BM4XXX - XXX - XXXXX[Ryy] - [XXX] - XX	Hardware type/power unit type
	0: Rectifier and inverter with chopper resistor transistor $U_{DC} = 540$ V 1: Rectifier and inverter with chopper resistor transistor $U_{Mains} = 230$ V ± 10 %, $U_{DC} = 310$ V 2: Power module (only output sided inverter). Operation as power module, $U_{DC} = 540$ V 3: Rectifier and inverter with chopper resistor transistor $U_{DC} = 540$ V short packaging for BM465X, BM466X, BM475X und BM476X
BM4XXX - XXX - XXXXX[Ryy] - [XXX] - XX	Hardware type/controller unit versions
	1: Module in slots A to H pluggable 2: Modules in slots A to M pluggable
BM4XXX - XXX - XXXXX[Ryy] - [XXX] - XX	Hardware type (internal information via Baumüller Nürnberg GmbH).
	0XX: Controller without 7-segment display (RS 485 interface) 1XX: Controller without 7-segment display (RS 485 interface) 2XX: Controller with 7-segment display (RS 485 interface) 3XX: Controller with 7-segment display (Ethernet interface)

