

b MaXX mobil

По вопросам продаж и поддержки обращайтесь:

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Саратов (845)249-38-78

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Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
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Ульяновск (8422)24-23-59
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Ярославль (4852)69-52-93

b maXX mobil - Drive system for mobile applications

The b maXX mobil has been designed for four quadrant operation which means it can brake in either direction and both regenerate and drive power. For mobile applications, the vibration resistant controller can be used at temperatures between -25° and +65° Celsius.

Communication takes place via the standard CAN bus (FireCAN is also available); there are also digital inputs and outputs available.

b maXX mobil is particularly suitable for battery-driven vehicles, electric boats and forklifts as well as for many other battery-supplied applications in the industry.



b maXX mobil



Designed for four-quadrant operation, the b maXX mobil can brake in both directions and recover energy in addition to generating drive. For mobile use, the controller is vibration resistant and can be used in temperatures between -25 ° and + 65 ° Celsius. Communication takes place via CAN bus and digital inputs/outputs are additionally available.

The controller is used in battery-powered vehicles such as electric boats and forklift trucks as well as in many battery-powered industrial applications.

For example, the B maXX mobile is suitable for use as a wheel-hub drive with DSM disc motors, which excel thanks to their compact design, highly dynamic running characteristics and low maintenance requirements. Baumüller thus provides a space-saving and high-performance solution.

The b maXX mobil is suitable for example, for use as a wheel hub drive in combination with the disc motors DSM. These motors are compactly designed, enjoy highly dynamic running characteristics and have low maintenance requirements. With this controller and motor combination Baumüller offers a space-saving and high-performance complete solution.

Technical Data – b maXX mobil with galvanic isolation

	Protection	I _N [A]	I _{max} [A]	Battery voltage [V]	Dimensions [mm]	±10% control voltage [VDC]
048-40-x-IP20IP20	40		80	12-48	244x194x90	12-24
048-60-x-IP20	IP20	60	120	12-48	244x194x90	12-24
048-125-x-IP20IP20		125	250	12-48	244x194x90	12-24
048-225-x-IP20IP20		225	450	12-48	244x194x90	12-24
048-40-x-IP66	IP66	40	80	12-48	280x200x91	12-24
048-60-x-IP66	IP66	60	120	12-48	280x200x91	12-24
048-125-x-IP66	IP66	125	250	12-48	280x200x91	12-24
048-225-x-IP66	IP66	225	450	12-48	280x200x91	12-24
120-50-x-IP20	IP20	50	100	12-120	244x194x90	12-24
120-100-x-IP20	IP20	100	200	12-120	244x194x90	12-24
120-150-x-IP20	IP20	150	300	12-120	244x194x90	12-24
120-50-x-IP66	IP66	50	100	12-120	280x200x91	12-24
120-100-x-IP66	IP66	100	200	12-120	280x200x91	12-24
120-150-x-IP66	IP66	150	300	12-120	280x200x91	12-24

Technical Data – b maXX mobil without galvanic isolation

	Protection	I _N [A]	I _{max} [A]	Battery voltage [V]	Dimensions [mm]	±10% control voltage [VDC]
48-40-X-IP20-NI	IP20	40	80	12-48	244x194x90	12-24
48-60-X-IP20-NI	IP20	60	120	12-48	244x194x90	12-24
48-125-X-IP20-NI	IP20	125	250	12-48	244x194x90	12-24
48-225-X-IP20-NI	IP20	225	450	12-48	244x194x90	12-24

x ≙ Resolver = RES
 ≙ Encoder = END
 ≙ SINCOS 1 V_{SS} =
 SIN

Subject to modification



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