

Film Capacitors - Capacitors for Power Factor Correction

Multi-measuring interface MMI6000 for BR6000 controller

Series/Type: MMI6000

Ordering code: B44066M6...E230

Date: September 2007

Version:

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B44066M6...E230

Multi-measuring interface MMI6000 for BR6000 controller

MMI6000

Characteristics

- Measuring device for electrical (real current) measurement
- Additional protection for PFC systems
- Two in one:
 - Accessory for PF-controller BR6000 series
 - Stand-alone measuring device
- Illuminated graphical display
- Small dimensions



Technical data and specifications

Types/Output	MMI6000-R (1 standard relay)	
	MMI6000-T (1 optocoupler)	
Interface	RS485	
Display	Graphical, 2x 16 characters	
Supply and measurement voltage	230 V, 50/60 Hz	
Power consumption	< 4 VA	
Measurement current	X/5 A and X/1 A	
Output capacity	Standard relay: 250 V AC, 1000 W	
	Optocoupler: 60 V DC, 150 mA	
Measuring temperature range	0 +100 °C	
Ambient temperature range	−10 +55 °C	
Housing	Switchboard installation housing, DIN 43 700	
Dimensions	100 × 100 × 50 mm	
Weight	0.5 kg	
Protection category to DIN 40 050	Front side: IP54	
	Rear side: IP20	

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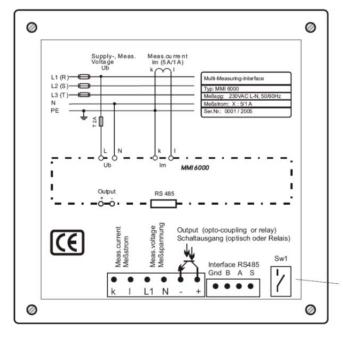


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MMI6000

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Operation modes	Coupling MMI6000 – BR6000
	Coupling MMI6000 – BR6000T
	DYNA-I-TRIGGER
	MMI – MODBUS RTU
	MMI – ASCII OUT
Measurement categories	Voltage, current
	Power factor
	Active power
	Reactive power
	Apparent power
	Frequency
	Temperature
	Energy
Languages	German and English
Ordering codes	
MMI6000-R	B44066M6000E230
MMI6000-T	B44066M6100E230



Back side MMI 6000

Connection of MMI 6000 according to adjoining connection diagram

Switch for terminating resistor

Display of ordering codes for EPCOS products

The ordering code for one and the same EPCOS product can be represented differently in data sheets, data books, other publications, on the EPCOS website, or in order-related documents such as shipping notes, order confirmations and product labels. The varying representations of the ordering codes are due to different processes employed and do not affect the specifications of the respective products. Detailed information can be found on the Internet under www.epcos.com/orderingcodes

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MMI6000

Cautions and warnings

General

- The MMI 6000 may only be used for the purpose it has been designed for.
- The device has to be projected in such a way that in case of any failure no uncontrolled high current and voltages may occur.
- The device in operation has to be protected against moisture and dust, sufficient cooling has to be assured.
- Please note that the device is under high tension during operation.
- The MMI 6000 may only be used indoor. It is not suitable for outdoor applications.
- Voltages above the permitted voltage range may damage the device.

Attention

FAILURE TO FOLLOW CAUTIONS MAY RESULT, WORST CASE, IN PREMATURE FAILURES OR PHYSICAL INJURY.

Note

For detailed information about PFC capacitors and cautions, refer to the latest version of the EPCOS PFC Product Profile.

⚠ Please read cautions information about PFC capacitors and cautions as well as installation and maintenance instructions in the actual version of the Product Profile *Power Factor Correction* to ensure optimum performance and prevent products from failing, and in worst case, bursting and fire, etc. The actual Product Profile is available at www.epcos.com/publications.

Information given in the PFC-product profile and values given in the data sheet reflect typical specifications. You are kindly requested to approve our product specifications or request our approval for your specification before ordering.

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- 3. The warnings, cautions and product-specific notes must be observed.
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Important notes

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