EPCOS

Film Capacitors – Power Factor Correction

Key components – Terminal to RJ45 converter

Series/Type: **B44066**
Ordering code: **B44066R1*11E230**

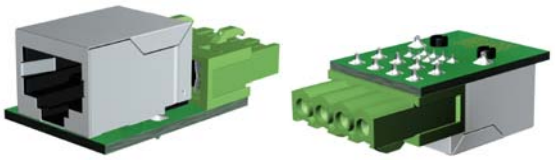
Date: November 2009
Version: 1

Preliminary data

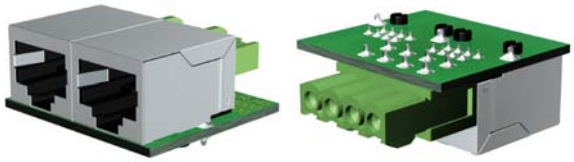
Characteristics

RJ45 – converter
1xRJ45-BR6000
2xRJ45-BR6000
2xRJ45-MMI6000

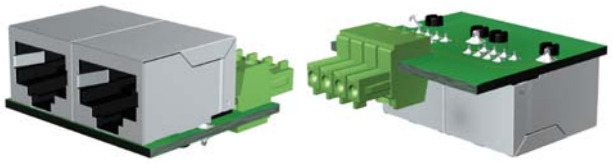
- Terminal to RJ45 converter
- To connect the interface terminal of BR6000, BR7000 or MMI6000 via RJ45-standard cable (1:1)
- Connection of several devices at the RS485 bus with simple connection (one click)
  Example:
  - Connection of several BR6000 or BR7000 to a PC with BR7000-SOFT
  - Coupling of several BR6000 with each other
  - Coupling of BR6000 or BR7000 with MMI6000



1xRJ45 for BR6000/BR7000



2xRJ45 for BR6000/BR7000

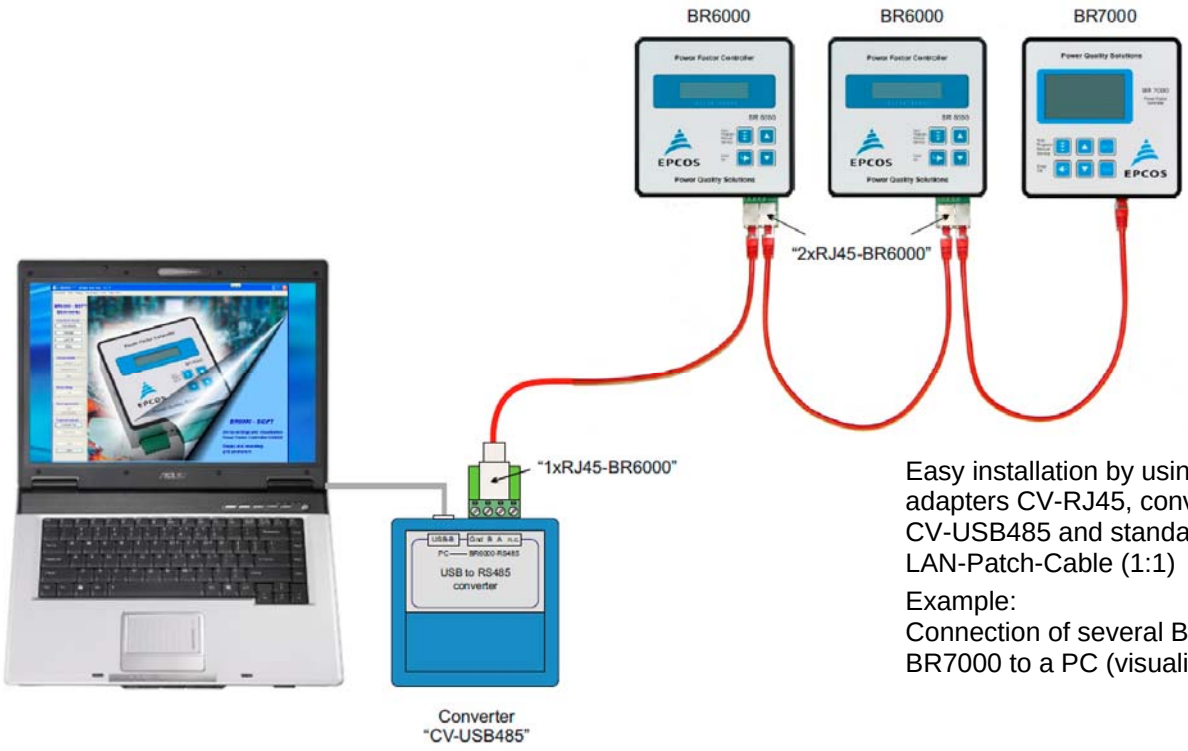


2xRJ45 for MMI6000

Technical data and specifications	
Design	Compact form
Dimensions w × h × l	35 x 15 x 30 mm
Weight	Approx. 0.1 kg
Power supply	None (passive cable adapter)
Variants	
1xRJ45-BR6000	4-pole interface-terminal BR6000/BR7000 to 1xRJ45 jack
2xRJ45-BR6000	4-pole interface-terminal BR6000/BR7000 to 2xRJ45 jack (in parallel)
2xRJ45-MMI6000	4-pole interface-terminal MMI6000 to 2xRJ45 jack
Protection class (IEC 60529)	IP00
Ambient and storage temperature	-20 … +60 °C
Ordering codes	
1xRJ45 for BR6000/BR7000	B44066R1611E230
2xRJ45 for BR6000/BR7000	B44066R1711E230
2xRJ45 for MMI6000	B44066R1811E230

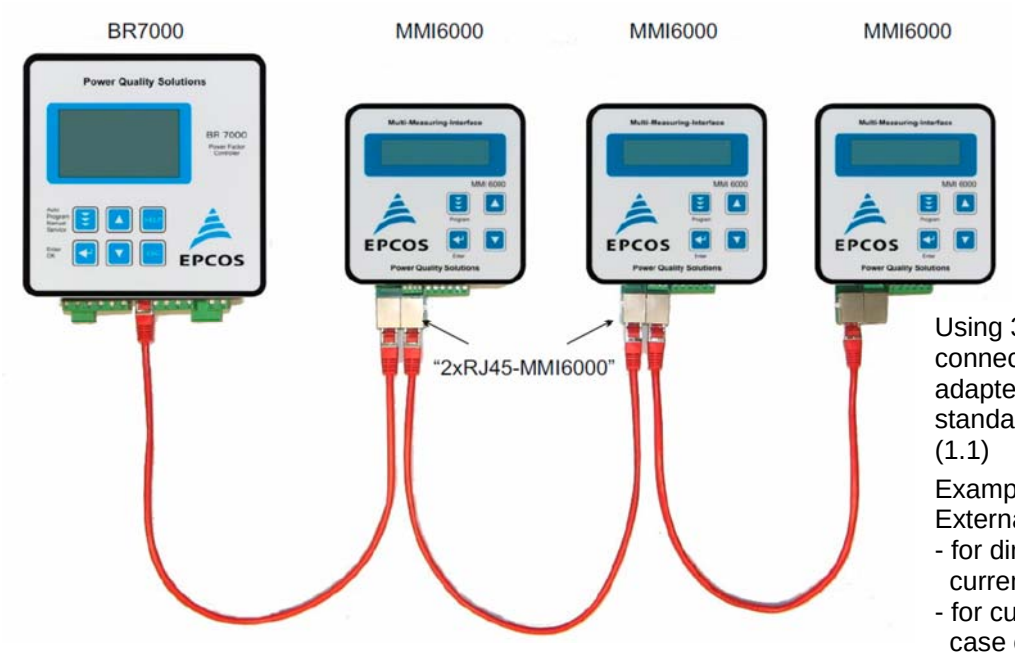
Preliminary data

Example: Coupling of several BR6000 for connection to a PC



Easy installation by using adapters CV-RJ45, converter CV-USB485 and standard LAN-Patch-Cable (1:1)

Example:
Connection of several BR6000/ BR7000 to a PC (visualization)



Using 3 additional MMI6000 connected with a BR7000 via adapters CV-RJ45 and standard LAN-Patch-Cable (1.1)

Example:
External current-measuring
- for direct measuring of the current in individual cabinets
- for current measuring in case current transformers are located far away

Note: These RJ45 adapters support a RJ485-interface with internal MODBUS protocol. It is not a LAN-interface!

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