



Hochfrequenzbaugruppen  
Fernsteuerkomponenten  
Fernsteueranlagen  
**FUNKTECHNIK GMBH**

Sales office/Beratung & Vertrieb - Design & Production/Entwicklung & Produktion

## Remote switching extension unit **EM8**

The relay card **EM8** was designed to extend the HM remote base card **SM3**. The card offers 8 **potentialless** switching relay outputs. The load of each output is **4A at 220V** and is protected by polyswitches at voltages below 30V. So the module is maintenance-free even under short circuit circumstances.

The connection to the **SM3** base card is made with a simple **flat cable**. Each added module **EM8** increases the amount of outputs by 8. With the maximum amount of three extension cards **EM8** you can get up to **24** switching channels.

The integrated power supply offers you a wide range of application possibilities. The module is delivered with a low drop regulator for a voltage span from **5 to 11V** or alternative with a linear regulator for a span from **8 to 24V**.

The combination with our radio modules **70TX-M1** and **70RX-M1** (or **70TX-S** and **70RX-S1**) offers the user a perfect remote system with long distance communication. You can reach a distance of **2000 m and more** at free sight.

### **Features**

- 8 outputs with potentialfree changer relais
- Switching capability 220V / 4A
- Self resetable fuses up to 30V
- Easy to handle screw type terminals
- Compact size
- Perfect fit to Bopla case series 440
- Voltage regulator 5 - 11V (Low Drop) or 8 - 24V (Linear)

### **Applications**

- Remote control systems
- Industrial applications



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### Specifications:

<b>Dimensions</b>	125 x 73 mm
<b>Supply voltage</b>	5-11V DC unstabilized or 8-24V DC unstabilized
<b>Supply current</b>	10 mA to 250 mA (without receiver)
<b>Outputs</b>	8 channels with 220V / 4A (not fused) or 8 channels with 30V / 4A (fused with polyswitches)
<b>Inputs</b>	10 port terminal for input signals and power supply
<b>Package</b>	8 channel switching module without FSM24 and receiver Operation manual

