

## Remote base switching unit **SM3**

The base relay card **SM3** was designed to adapt the remote control card **FSM24**. The card offers 3 **potentialless** switching relay outputs. The load of each output is **4A at 220V** and is protected by polyswitches. So the module is maintenance-free even under short circuit circumstances.

The card can be extended by the module **EM8** with a simple **flat cable**. Each added module increase the amount of outputs by 8. The maximum load of each output is 4A at 230V. All outputs are also protected by **polyswitches (up to 30V)**. 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**.

All HM-Funktechnik receivers can be fitted directly on the **SM3** base board. Even the power supply for the module is integrated in the **SM3**. In combination with the HM-Funktechnik multichannel modules it is also possible to change the frequency with a simple (not included) DIL-switch or a  $\mu\text{C}$ .

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**

- 3 outputs with potentialfree changer relais
- Switching capability 220V / 4A
- Self resetable fuses up to 30V
- Easy to handle screw type terminals
- 3 x 8 parallel outputs for the extension card **EM8**
- Compact size
- Perfect fit to Bopla case series 440
- Integration of all HM-receivers directly on board
- Voltage regulator 5 - 11V (Low Drop) or 8 - 24V (Linear)
- Socket for FSM24 decoder

### **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 100 mA (without receiver)
<b>Outputs</b>	3 channels with 220V / 4A (not fused) or 3 channels with 30V / 4A (fused with polyswitches) 24 Open Collector outputs for 3 additional Modules EM8
<b>Package</b>	Switching module without FSM24 and receiver Operation manual

