



Remote switching unit **SM8**

The relay card **SM8** was designed to adapt the HM remote control card **FSM24**. 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 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 8 channel relay card **SM8** is designed for the use with different receiver modules. The card offers a stabilized output voltage of 5V for the relays and an external receiver. All HM-Funktechnik receivers can be adapted at an easy to handle screw type terminal.

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.

The module **SM8** cannot be extended like the base card **SM3**. It is fixed to 8 channels.

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
- External adaption of all HM-receivers
- 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:

Dimensions	125 x 73 mm
Supply voltage	5-11V DC unstabilized or 8-24V DC unstabilized
Supply current	10 mA to 250 mA (without receiver)
Outputs	8 channels with 220V / 4A (not fused) or 8 channels with 30V / 4A (fused with polyswitches)
Inputs	3 port terminal for receiver 2 port terminal for power supply
Package	8 channel switching module without FSM24 and receiver Operation manual

