

8 CHANNEL SEPARATION CONTROL BOARD - MPS1

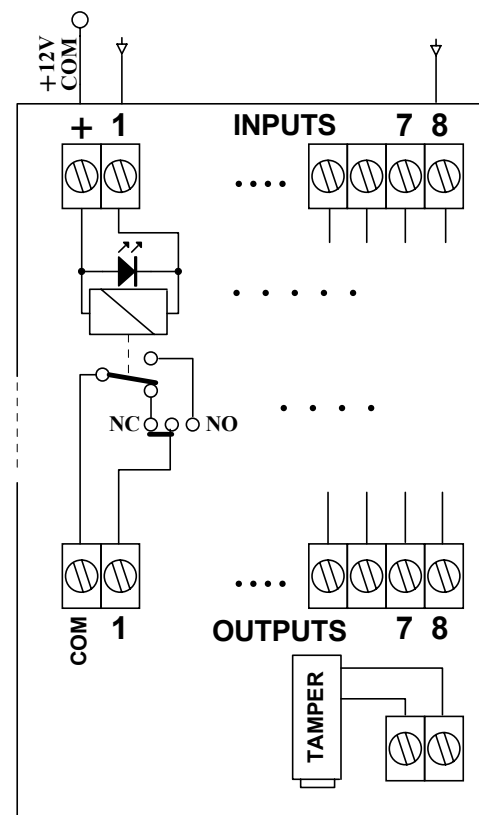
The control board is designed for separated control of remote alarm and security equipment, especially for remote control of surveillance cameras. Eight INPUTS, galvanic separated from the output side, with common +12VDC supply allow controlling of up to eight cameras, locks, sounders, etc., connected to OUTPUTS side. The OUTPUTS with single common (COM) point can be individually set by the user to NO (normally opened) or NC (normally closed) standby position using dedicated jumpers provided for each of the eight relays. In addition, all relays are assisted by LED "set on" indication simplifying installation and marking of channel in use. The board is protected against reverse power supply and each of the eight relays is diode protected against surge voltages. The relay outputs are capable of carrying up to 1A/24VDC or 0,5A/125VAC rated loads.

The board is designed for universal indoor or outdoor use and features four side screwing holes facilitating its installation. In case of outdoor use the board must be protected against humid conditions and placed inside hermetic installation box. At indoor use the board may be used inside standard Elmes receiver board (supplied) taking advantage of the TAMPER switch with connector provided on board as standard.

Included with this manual is MPS1 board internal connections diagram facilitating understanding and installation of the board to existing and projected security networks.

Specification

- eight galvanic separated control channels,
- maximal operating current load of single output channel is 1A/24VDC or 0,5A/125VAC,
- control inputs supply voltage is 12VDC ($\pm 10\%$),
- maximal current consumption on the input control side is 150mA at 12VDC voltage supply and all relays set,
- TAMPER alarm switch (while boxed inside Elmes receiver box),
- protection against reverse power supply,
- indoor and outdoor (hermetic boxing required) use,
- external board dimensions: 58x78mm.



MPS1 connection diagram.

Manufacturer's Warranty: Elmes Electronic remote control sets carry one-year warranty as from date of purchase. The warranty is limited to the replacement of faulty original parts or repair defects of improper manufacture. Damage, faulty use or improper handling by the user or installer as well as any changes in product's hardware or software caused by the user voids the warranty and all due repair costs will be charged.

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