## control board



Technical specifications of 410 MPS board

- Power supply: 230 V~ (+6\% -10\%) 50 (60) Hz
- Transformer power: 8.5 VA
- Accessories output: 24 Vdc 290 mA max
- Maximum load of motors: 800W
- Operating ambient temperature: $-20^{\circ} \mathrm{C}+55^{\circ} \mathrm{C}$
- Three protection fuses: 5 A motor-0.8 A accessories - 0.25 A logic
- SMT Technology
- Microprocessor control
- Mains filter
- Watch Dog on microprocessor
- Function logics (A-AD-E-S-EP)
- Enable timer (AD logic)
- Two logics for safety devices (Dip Switch)
- Closing safety device
- Opening safety devices
- Fail-safe on photocell can be disabled
- Leaf closing delay (trimmer)
- Leaf opening delay ( 2.5 s ) can be disabled
- Motor torque adjustment (trimmer)
- Maximum torque at initial thrust
- Adjustment of opening/closing times (trimmer)
- Opening/closing times with residual time memory
- Pause times adjustment (trimmer)
- Stop push-button input
- Input status signalling LEDs
- Connector for decoding cards
- Removable numbered terminal boards

Board 410 MPS can control one or two operators

## Technical specifications of 450 MPS board

- Power supply: 230 V~ (+6\% -10\%) 50 (60) Hz
- Transformer power: 35 VA
- Accessories output: 24 Vdc 500 mA max
- Maximum load of motors: 800W
- Operating ambient temperature: $-20^{\circ} \mathrm{C}+55^{\circ} \mathrm{C}$
- Protection fuses: 5 A motor 0.8 A accessories - 0.25 A logic - 1,6 A electric lock
- Output for electric lock: 12 Vac 12 VA
- SMT Technology
- Microprocessor control
- Mains filter
- Watch Dog on microprocessor
- Function logics (A-AD-E-S-EP-B-C-BC)
- Enable timer (AD logic)
- Two logics for safety devices (Dip Switch)
- Closing safety devices
- Opening safety devices
- Fail-safe on photocell can be disabled
- Leaf closing delay (trimmer)
- Leaf opening delay ( 2.5 s ) can be disabled
- Motor torque adjustment (trimmer)
- Maximum torque at initial thrust
- Adjustment of opening/closing times (trimmer)
- Opening/closing times with residual time memory
- Pause times adjustment (trimmer)
- Stop push-button input
- Control of 12 Vac electric lock
- Input status signalling LEDs
- Reversing stroke (Dip Switch)
- Connector decoding cards
- Removable numbered terminal boards
- Indicator-light output
- Free leaf

