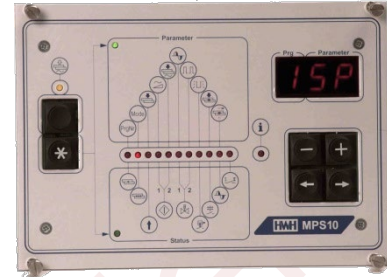


Basic welding control MPS 10

Ideal for small welding machines and welding tongs in the workshop area 50Hz technology (spot and bump)

Small in format – huge in function

Up to 8 complete welding sequences including impulses and current increase can easily be stored in the device. With the integrated solenoid valve control, the MPS10 enables the entire control of a standard welding machine. The 2-start logic also supports 2-clamp applications.



Standard functions:

- 8 programs
- 2 start - logic → 2 x 4 programs external
- single spot and series spot
- current surge
- impulses
- programmable in half waves for SZ, SAZ
- automatic 50/60 Hz detection
- mains voltage compensation
- status and error display
- progression and locking contact
- international operating symbols

Technical data:

Installation dimensions (WxHxD)

- MPS10: 160x130x60mm
- MPS10 α: 450x130x60mm (19")
- MPS10 β: 160x290x60mm

- command inputs: +24VDC / ≤5mA
- switching outputs: +24VDC / 150mA each
- solenoid valve outputs: +24VDC / 300mA each

Accessories:

- connection plug set ASS
- connection cable MPS-VK51 (terminal strip)
- connection cable MPS-VK59 (to power units)

Suitable thyristor power units:

- **LE 7 / LE 100:** power unit for cabinet installation
- **LE 200:** power unit for installation in MPK housing
- **LE 5001:** power unit for installation in MPG housing

Current: from 45 to 3700A
Voltage: 400V 50/60Hz
other voltages on request

Complete devices - Series MPG 10 + MPK 10

Standard equipment MPG 10

- metal housing for universal assembly
- built-in control MPS 10 β
- connection cables and connection options
- thyristor power unit LE 5001 / 400V, water-cooled (250, 700, 900, 1440, 2335, 2950 and 3700A)

Dimensions: H: 482mm, W: 203mm, D: 495mm

Paintwork: green, RAL 6011



Additional equipment:

- lockable front door
- main switch

Standard equipment MPK 10

- metal housing for universal assembly
- built-in control MPS 10
- connection cables and connection options
- load-break switch (main switch)
- thyristor power unit 400VAC 50/60Hz, air-cooled (45 and 200A)
MPK 10-L045 and MPK 10-L200
- thyristor power unit 400VAC 50/60Hz, water-cooled (125 and 580A)
MPK 10-0125 and MPK 10-0580

Dimensions: H: 500mm, W: 210mm, D: 400mm

Paintwork: light grey, RAL 7035



Additional equipment:

- lockable window
- machine control package with safety functions