

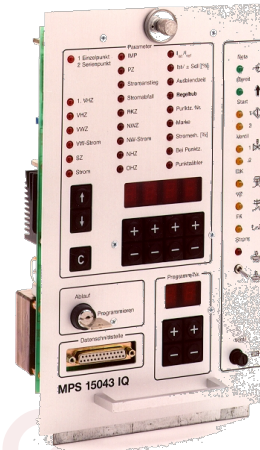
Controller MPS 15043

For all standard applications 50Hz-technology (spot, projection, seam welding, etc.)

These resistance welding controls are modern and user-friendly devices.

Are ideal for manual workstations and automated single-user systems.

These control levels can be exchanged for older controls from the MPS 5000 and MPS 1000 series.



Standard functions:

MPS 15043

- 100 programs
- 5 counter groups
- single spot, serial spot and seam welding
- upslope and fall
- preheat and postheat function
- impulses
- current increase function (stepper) in 10 steps
- print program
- programmable in half waves
- automatic 50/60 Hz detection
- mains voltage compensation
- score counter
- advance and locking contact
- sequence / programming key switch
- RS 232 serial interface

Technical data:

- installation dimensions (WxHxD): 160x290x106mm
- command inputs: +24VDC / 20mA
- switching outputs: +24VDC / 200mA each
- solenoid valve outputs: 24VAC/DC / 1,25mA each
or 42VAC/DC / 630mA each
or 110VAC/DC / 400mA each
or 230VAC/DC / 160mA each

Extended finishes:

MPS 15043 IQ

- 50 programs
- secondary current control
current input in kA
- secondary current monitoring (limit monitoring)
- control stroke limitation

Accessories:

- AK 4 terminal board
- connection cable with connection board for MPS 15043
- secondary current measuring belt MB 260
- connection cable MPS-VK1 (to power level)
- connection cable MPS-VK5 (for current measurement signal)

Suitable thyristor power levels:

- **LE 7 / LE 100:** power level for cabinet installation
- **LE 5001:** power level for installation in MPG housing

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

Complete devices - Series MPG 15143

Standard equipment MPG 15143

- metal housing for universal assembly
- built-in control MPS 15043 / 15043IQ
- connection cables and connection options
- thyristor power unit LE 5001 / 400V, water-cooled (250, 700, 900, 1440, 2335, 2950 and 3700A)

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

Paintwork: green, RAL 6011

Additional equipment:

- lockable front door
- measuring belt connector
- main switch

