



ELOTOP 510

- Weldable stud range 3-8 mm
- Max. current 450 A
- Max. time 460 ms
- Robust housing

Technical data

Stud welding with ceramic ferrule, weldable stud range Ø (mm)	3-8
Short cycle stud welding, weldable stud range Ø (mm)	3-6
Stud welding with shielding gas, weldable stud range Ø (mm)	3-8
Max. current (A)	450
Time setting range (ms)	20-460
Max. stud/min. at ... Ø (mm)	15 / 3 4 / 8
Mains connection 50/60 Hz, 3-phase	400
Mains plug at 400 V (A)	32
4-wire mains cable at 400 V (m/mm ²)	5 / 2,5
Mains plug at 400 V (A)	16
Mains power consumption at ...% ED (kVA)	≈ 1 29
Tolerance range mains voltage (%)	- 15 / + 6
Class of protection	IP 23
Housing dimensions (L x B x H) (mm)	375 x 220 x 360
Weight (kg)	approx.. 25

- Self-diagnosis: Overheating, short circuit control, mains phase failure and malfunction of pilot arc
- Fully controlled power source with thyristor bridge
- Microprocessor controlled
- Constant current regulation
- Repeat cycle lock
- Mains connection Special voltages (V): optional
- Dust and moisture protection of control unit
- Steel housing, powder-coated
- Shielding gas equipment: optional
- Stud counter: standard
- Interface for automatic components: optional
- Menu: selection of various languages