



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
Input Voltage, 60 Hz, 3ph:	460
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

- Fully controlled power source with thyristor bridge
- For threaded studs up to 8 mm
- Designed for welding on building sites
- Self-diagnosis: Overheating and mains phase failure, short circuit control, malfunction of pilot arc
- Microprocessor controlled
- Repeat cycle lock
- Mains connection special voltages (V): optional
- Dust and moisture protection of control unit
- Steel housing, powder-coated
- Stud counter: standard