



# ELOTOP 810

- Weldable stud range 3-12 mm
- Max. current 800 A
- Max. time 600 ms
- Robust housing

## Technical data

Stud welding with ceramic ferrule, weldable stud range Ø (mm)	3-12
Short cycle stud welding, weldable stud range Ø (mm)	3-8
Stud welding with shielding gas, weldable stud range Ø (mm)	3-10
Max. current (A)	800
Current setting range (A)	50-750
Time setting range (ms)	20-600
Gas pre-flow time (ms)	100-2000
Storage of parameters	20
Max. stud/min. at ... Ø (mm)	32/3 3/12
Mains connection 50/60 Hz, 3-phase	230/400
Mains plug at 400 V (A)	32
4-wire mains cable at 400 V (m/mm <sup>2</sup> )	5/4
Mains plug at 400 V (A)	35/25
Mains power consumption at ...% ED (kVA)	1,4/3,2/100 55/38/7
Tolerance range mains voltage (%)	- 15/+ 6
Class of protection	IP 23
Cooling	F
Housing dimensions (L x B x H) (mm)	555 x 308 x 535
Handle	2
Lifting eye	2
Weight (kg)	approx. 65

- 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

