

ELOTOP 1010



Highlights ELOTOP 1010

- + Weldable stud range 3–14 mm
- + Max. current 1100 A
- + Max. time 1000 ms
- + Robust housing



Technical data

Stud welding with ceramic ferrule, weldable stud range Ø (mm)	3–14
Short cycle stud welding, weldable stud range Ø (mm)	3–10
Stud welding with shielding gas, weldable stud range Ø (mm)	3–12
Max. current (A)	1100
Current setting range (A)	150–1000
Time setting range (ms)	20–1000
Gas pre-flow time (ms)	100–2000
Storage of parameters	20
Max. stud/min. at ... Ø (mm)	49 /3 4 /14
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 ²)	5/4
Mains plug at 400 V (A)	35
Mains power consumption at ...% ED (kVA)	2,5/7/100 73/43/12
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
Swivel castors/fixed castors	2/2
Handle	2
Lifting eye	2
Weight (kg)	ca. 85

Special features

- 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