



- Weldable stud range 2-12 mm
- Max. current 800 A
- Max. time 800 ms
- Low Weight
- Welding energy accurately adjustable

**Technical data**

Stud welding with ceramic ferrule Weldable stud range $\varnothing$ (mm)	2 - 12
Short cycle stud welding Weldable stud range $\varnothing$ (mm)	2 - 8
Stud welding with shielding gas Weldable stud range $\varnothing$ (mm)	2 - 10
Max. current (A)	800
Current setting range (A)	100 - 800
Time setting range (ms)	1 - 800
Storage of parameters	20
Max. stud/min. at ... $\varnothing$ (mm)	4/12, 9/10
Mains connection 50/60 Hz 3-phase (V)	400
Mains plug at 400 V (A)	32
4-wire mains cable at 400 V (m/mm <sup>2</sup> )	5/4
Mains fusing time-lag at 230/400 V (A)	20
Mains power consumption at ...% ED (kVA)	3/45, 7,5/28 100/7,5
Tolerance range mains voltage (%)	-15 / +6
Class of protection	IP 23
Cooling	F
Housing dimensions (L x B x H) mm	410 x 220 x 250
Handle	1
Weight (abt. kg)	17
Gas pre-flow time (ms)	10 - 2000

**Description**

Fully controlled power source with thyristor bridge  
 Particularly suitable for short-cycle-stud welding  
 Particularly suitable for thin work-pieces  
 Stepless, exact adjustment of welding current and time  
 Ideal for mobile tasks  
 Designed for welding on building sites  
 Plain text on LC-display  
 Operating interface: choice between 4 languages: German, English, French, Italian  
 Integrated shielding gas device  
 Microprocessor controlled  
 Constant current regulation  
 Repeat cycle lock  
 Dust and moisture protection of control unit  
 Self-diagnosis: overheating, short circuit control, mains phase failure and malfunction of pilot arc  
 Steel housing, powder-coated  
 Interface for automatic components: optional  
 Stud counter