



INVERTER 805i-8

- Connection voltage: 230 V at high power output
- Stud welding with ceramic ring, welding range 2-8 mm
- Gas-shielded stud welding, welding range 2-8 mm
- Maximum current 800 A
- Weight 23 kg

Technical specifications

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| Stud welding with ceramic ferrule, weldable stud range Ø (mm) | 2-8 |
| Short cycle stud welding, weldable stud range Ø (mm) | 2-8 |
| Stud welding with shielding gas, weldable stud range Ø (mm) | 2-8 |
| Max. current [A] | 800 |
| Current setting range [A]; 4 Zones | 100-400 / -500 / -650 / -800 |
| Time setting range [ms]; 4 Zones | 1-300/400A; -200/500A; -125/650A; -80/800A |
| Gas pre-flow time [ms] | 10-2000 |
| Max. stud/min at ... Ø (mm) | 40/3 9/8 |
| Self-diagnosis: Overheating | ● |
| Short circuit control | ● |
| Power factor correction (PFC) | ● |
| Malfunction of pilot arc | ● |
| Microprocessor control | ● |
| Storage of parameters for current, time and gas pre-flow time | 20 |
| Constant current regulation | ● |
| Repeat cycle lock | ● |
| Mains connection 50/60 Hz [V] | 1~ 230V |
| Mains plug [A] | Schuko 16A |
| Mains cable | 3m 3×2,5mm ² H07RN |
| Mains fusing time-lag [A] | 16A |
| Mains power consumption at ...% ED [kVA] | max. 8kVA |
| Tolerance mains voltage [%] | -15/+6 |
| Menu: Selection of various languages | ● |
| Dust and moisture protection of control unit | ● |
| Class of protection | IP 23 |
| Cooling | F |
| Stud counter | ● |
| Interface for automatic components | ○ |
| Housing dimensions LxBxH (mm) | 550×225×470 |
| Swivel castors/ fixed castors | - |
| Weight [kg] | 23 |
| Shielding gas equipment | ● |
| Stud welding guns: SK 14 | ● |
| K 22 | ○ |

- Connection voltage 230 V
- Current and time continuously adjustable in four zones
- Mobile usage possible
- Housing dimensions LxWxH (mm): 550x225x470
- Plain text in LC display
- User interface 4 languages selectable: German, English, French, Italian
- Shielding-gas equipment standard
- Self-diagnosis for: Overheating, short circuit control, power factor correction (PFC) and malfunction of pilot arc
- Microprocessor controlled
- Constant current regulation
- Repeat cycle lock
- Metal housing, powder-coated
- Connection of automatic components: optional



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