



- Weldable stud range 6-25 mm
- Max. current 3500 A
- Max. time setting 2600 ms
- Robust housing
- For shear connectors and threaded studs
- Through-deck welding-TD

| Technical data | | Description |
|---|------------------------|--|
| Stud welding with ceramic ferrule Weldable stud range \varnothing (mm) | 6 - 25 | Self-diagnosis: overheating, short circuit control, mains phase failure and malfunction of pilot arc |
| Short cycle stud welding Weldable stud range \varnothing (mm) | 3 - 12 | Fully controlled power source with thyristor bridge |
| Stud welding with shielding gas Weldable stud range \varnothing (mm) | 3 - 16 | Microprocessor controlled |
| Max. current [A] | 3500 | Constant current regulation |
| Current setting range [A] | 300 - 2600 | Repeat cycle lock |
| Time setting range [ms] | 20 - 2000 | Mains connection special voltages [V]: optional |
| Storage of paramaters: | 20 | Dust and moisture protection of control unit |
| Shielding gas pre-flow time [ms] | 100 - 2000 | Steel housing, powder-coated |
| Max. stud/min. at ... \varnothing (mm) | 50/6, 6/25 | Shielding gas equipment: optional |
| Mains connection 50/60 Hz 3-phase [V] | 230/400 | Stud counter: standard |
| Mains plug at 400 V [A] | 125 | Interface for automatic components: optional |
| 4-wire mains cable at 400 V (m/mm ²) | 5/16 | Menu: various languages |
| Mains fusing time-lag at 230/400 V [A] | 200/125 | |
| Mains power consumption at ...% ED [kVA] | 8/13/100 187/145/52 | |
| Tolerance range mains voltage [%] | -15 / +6 | |
| Class of protection | IP 23 | |
| Cooling | F | |
| Housing dimensions (L x B x H) mm | 950 x 605 x 860 | |
| Swivel castors/fixed castors | 2/2 | |
| Handle | 1 | |
| Lifting eye | 2 | |
| Weight (abt. kg) | 350 | |