



Akzent 5000

Version: 01-2011

Microprocessor thyristor control



Order-number:
XS7.302.002
(operating unit)

- great flexibility in assembly
- user-friendly interface
- input possible with PC, Laptop, PLC, etc.
- faults and errors displayed as they occur during the welding process
- 4-line display with scroll feature
- active inputs and outputs displayed
- serial interface RS 232 for one printer
- up to 500 welding programs (can be programmed in any sequence)
- Stepper feature
- easy to expand available functions by simply replacing the plug-in card

Ambient temperature: 0°C to +45°C
Dimensions (B x H x T):
T-5000/3 483 x 133 x 58 mm
T-5000/6 182 x 262 x 55 mm
TS-5000/W 181 x 150 x 355 mm

Control inputs:

Basic model: 9 digital control inputs (free programmable)
Maximum model: 19 digital control inputs (free programmable)

Measurement inputs:

Basic model: 2 measurement inputs (current, voltage)
Maximum model: 5 measurement inputs (current, voltage, pressure, force, distance)

Outputs:

Basic model: 5 outputs (3 x 24 V, 2 x relay)
Maximum model: 13 outputs (11 x 24 V, 2 x relay)

Analogue outputs:

Basic model: 2 analogue outputs
Maximum model: 3 analogue outputs
The function for all outputs can be programmed

Variable output voltage: from 0 to 10 V / max. 10 mA, Preparation of +24 V for valve electronics

Interfaces: HSN (incl. CAN-Bus), RS-232, ArcNet (Option)

Inverter: Connection of an inverter MF-5000 or external medium frequency inverter

Programs: up to 500 welding programs (from 250 programs upwards a larger storage card is necessary)

Process control: Basic model: 8 process times
Maximum model: 20 process times (max. 10 current times)
Option: Process times and start and interruption conditions programmable

3-capacity-seam: up to 1 current time with 3 currents

Cascade: up to 12 transformers at varying phases with automatic phase recognition.
Electric cascade - mechanic cascade with individual starts for transformers

3-Phase: Electrical connection recognition of phases

50 / 60 Hz: automatic 50 / 60 Hz mains frequency and phase recognition

Main compensation: Mains voltage fluctuations from + 15% to - 15% are compensated for

The transformer allocation can be programmed with the TS-5000

OPTION: The controller provides the possibility to define different access rights for different users and user levels. A personal PIN-code can be assigned to every authorized user.

We reserve the right to make changes which are in the interest of technical progress.

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