

PSI 6000

PSI 6000 Medium-Frequency Inverters

with integrated control function

Technical Information

Edition

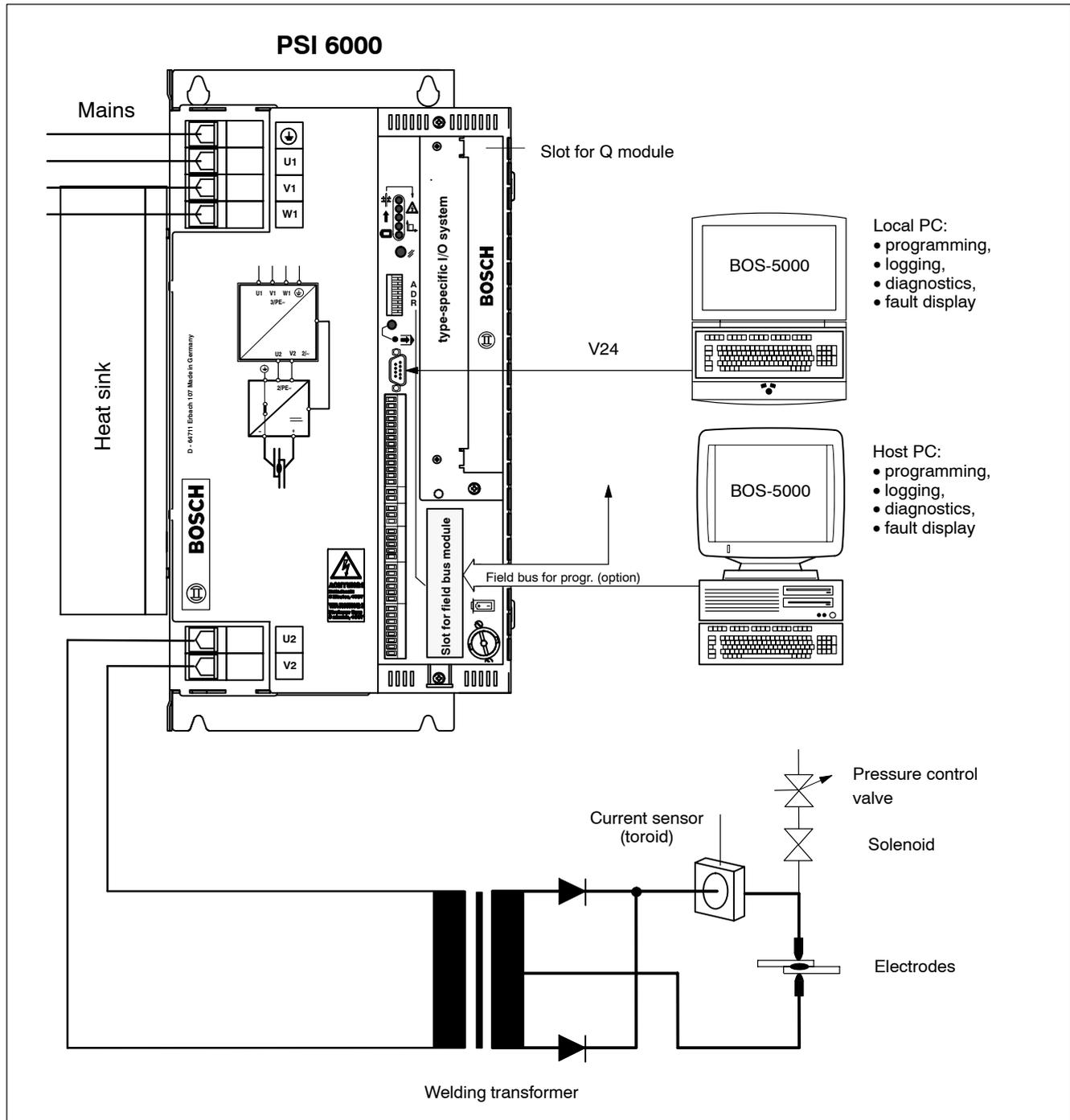
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2.2 Modules and components

The PSI 6000 medium-frequency inverters serve to control the PSG 3000 welding transformers.

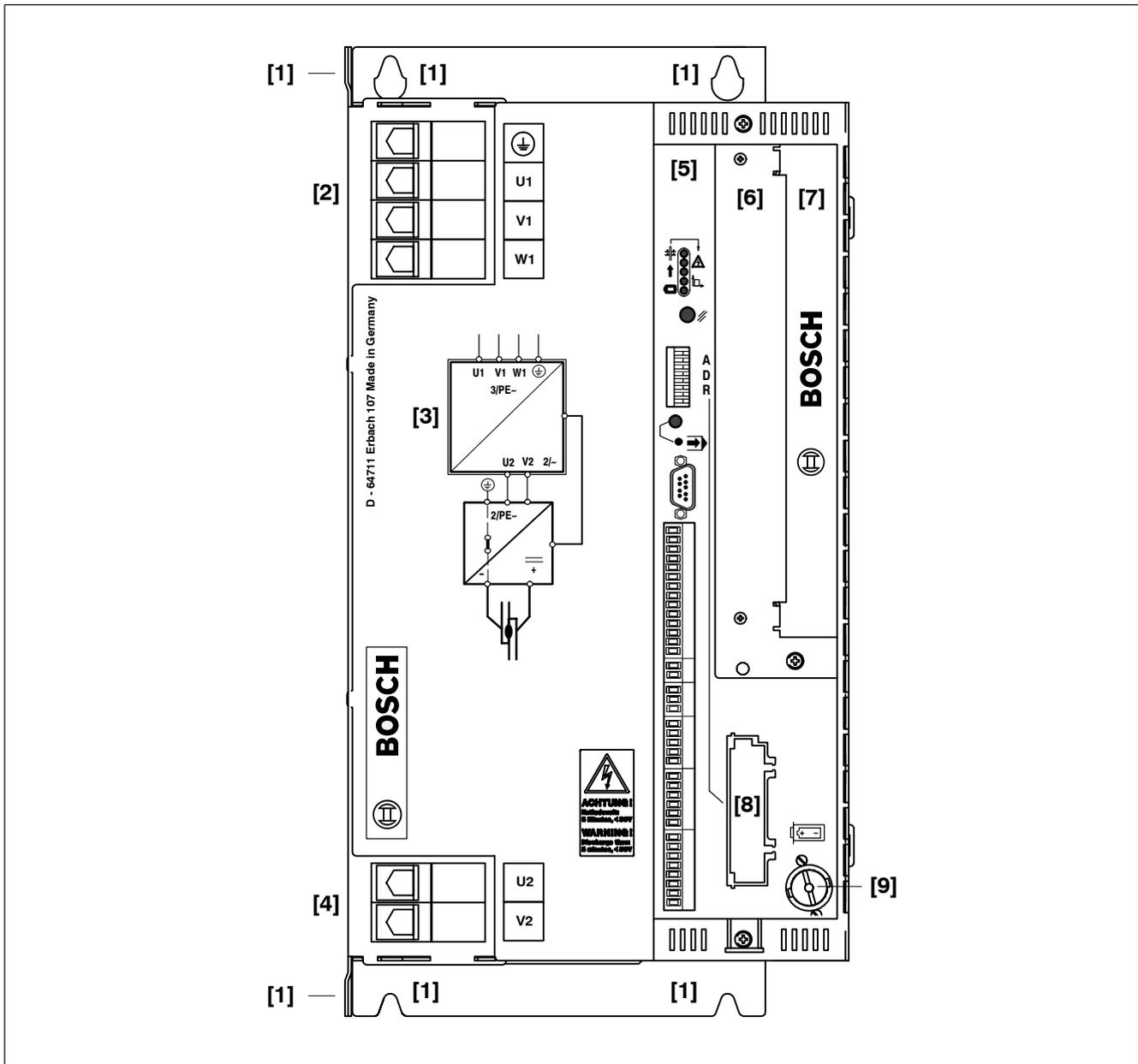
Integrated features:

- the weld timer (central processing unit, CPU)
- one slot for the type-specific I/O interface
- one slot for the field bus module for programming (optional)
- one slot for retrofitting a quality module (optional)



Setup for welding

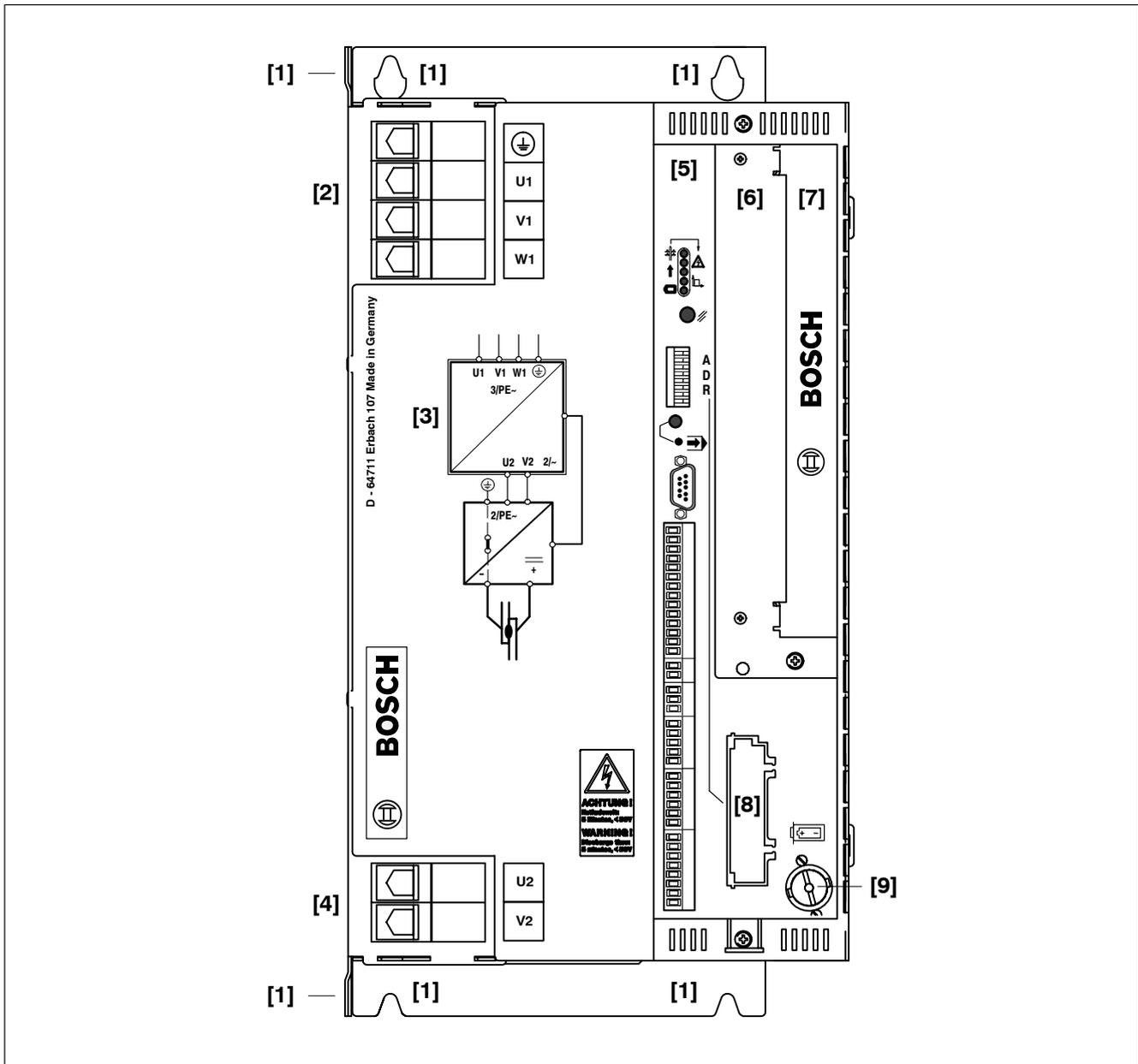
8.2 PSI 6025.XXX L1 front panel



PSI 6025.XXX L1 front panel

- [1] M6 mounting options
 - rear panel
 - left side panel (mounting cutout required)
- [2] mains supply connection
- [3] MF inverter symbol
- [4] PSG 3000 welding transformer connection
- [5] integrated weld timer
- [6] slot for type-specific I/O interface:
 - parallel I/O interface
 - serial I/O interface
 - fieldbus I/O interface

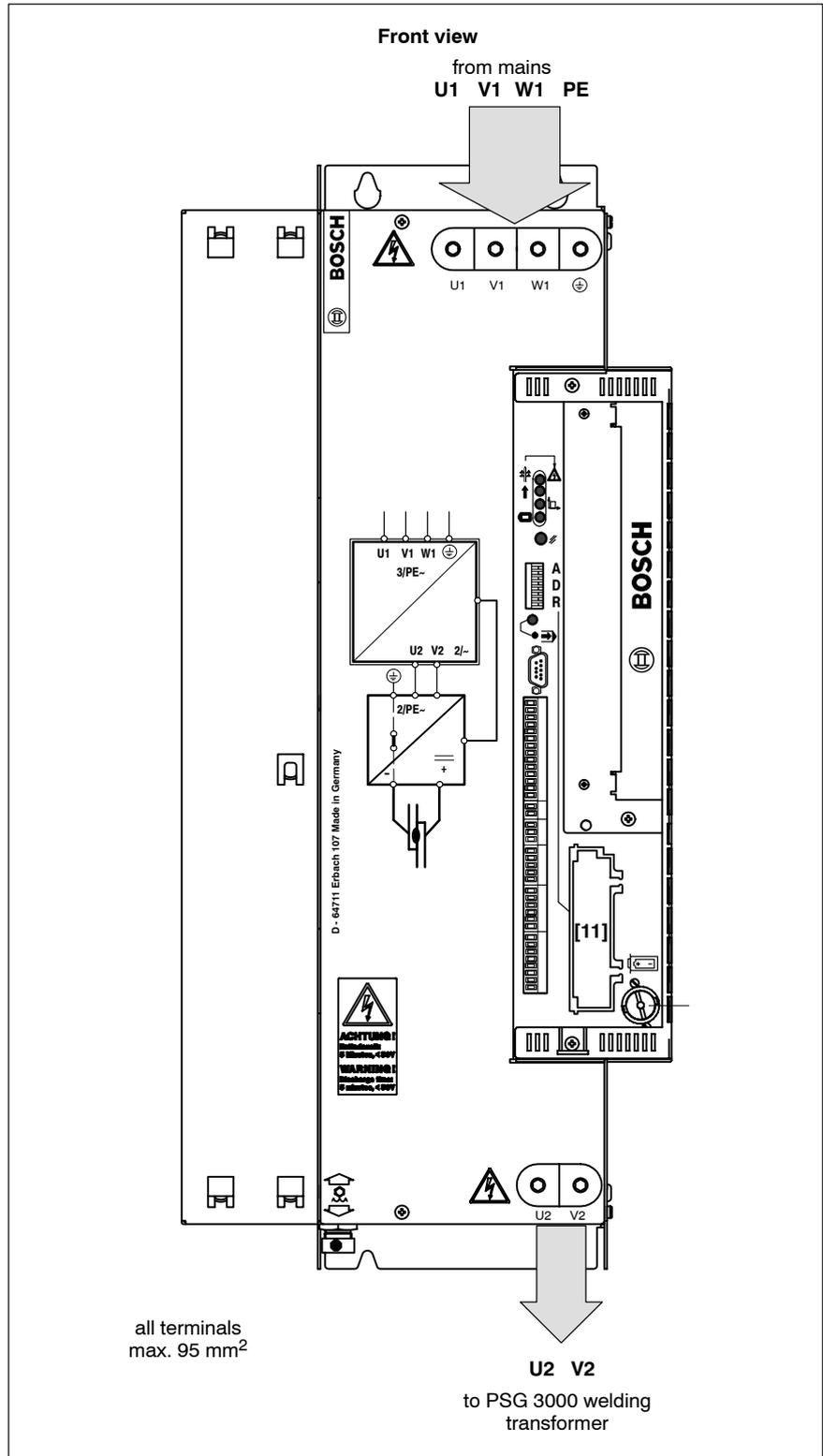
9.3 PSI 6100.XXX L1/L2/W1/W2 front panel



PSI 6100.XXX L1/L2/W1/W2 front panel

- [1] M6 mounting options
 - rear panel
 - left side panel (mounting cutout required)
- [2] mains supply connection
- [3] MF inverter symbol
- [4] PSG 3000 welding transformer connection
- [5] integrated weld timer
- [6] slot for type-specific I/O interface:
 - parallel I/O interface
 - serial I/O interface
 - fieldbus I/O interface

10.6 Electrical connection, PSI 6200.XXX W1/W2



Electrical connection, PSI 6200.XXX W1/W2

Note: For the connections of the various control functions, please see the respective manuals "PSI 6000, Control and I/O Level Description".