

LIST OF CONTENTS

REGISTER 15

Register 15 **POWER SUPPLY: Mains voltage circuit, mains voltage bd., distributor bd., fuse bd.**

| Page | Designation |
|------|---|
| 1 | Type 5203/100 Reference diagram, 6.GS1 mains distributor board up to SN1010 |
| 2 | Type 5203/100 Reference diagram, 6.GS1 mains distributor board as of SN1011 |
| 3 | Type 5203/140 Reference diagram, 6.GS1 mains distributor board as of SN1001 |
| 4 | Type 5203/100/140 Reference/connection diagram mains transformer 2.TR1 (Low voltage supply for the machine) |
| 5 | Type 5203/140 Reference/connection diagram mains transformer 2.TR2 (24 V (AC) supply for the solenoid valves) |
| | Type 5203/100/140 Adaptation transformer for mains adaptation |



6

6

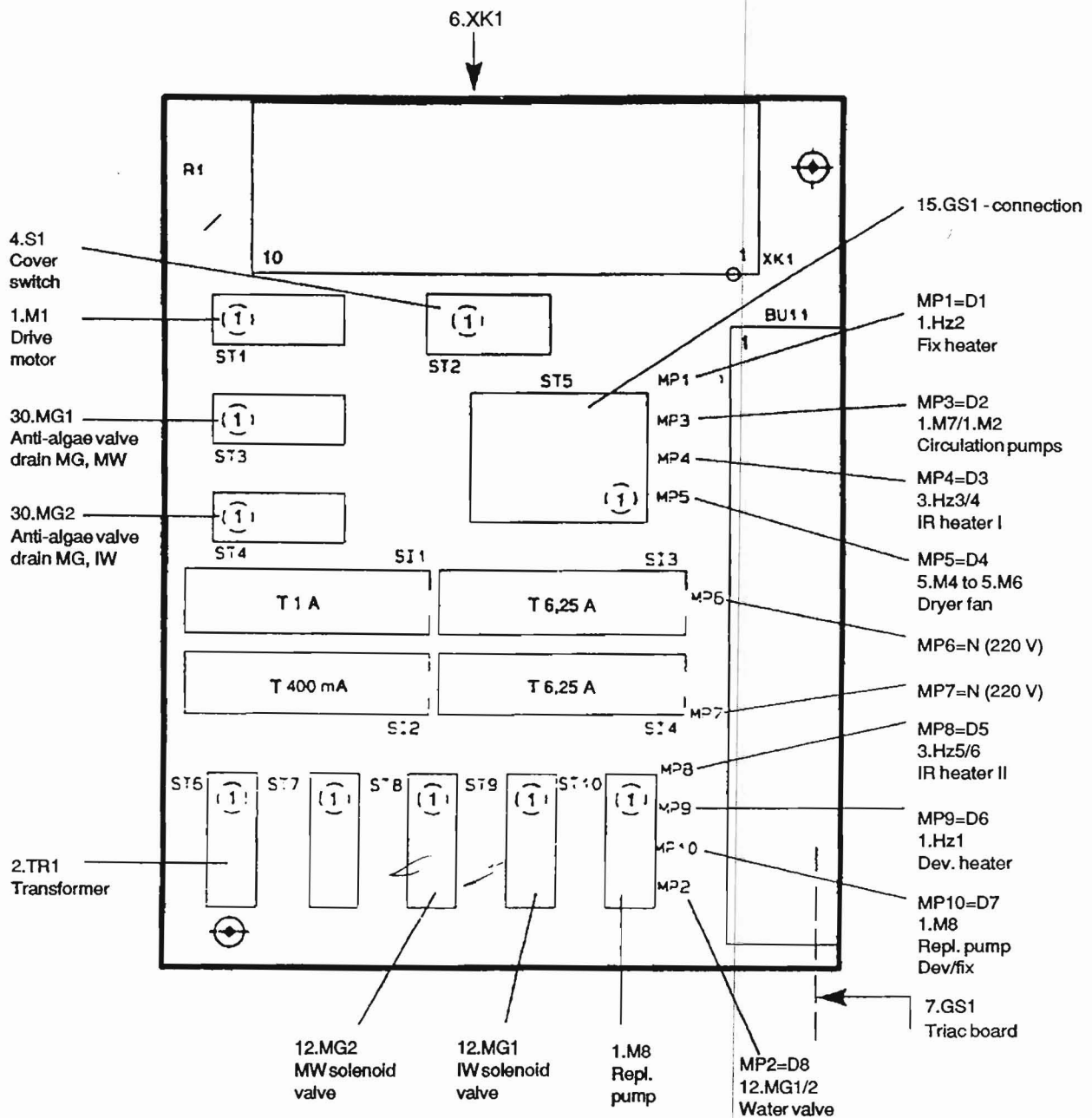
6

6

REFERENCE DIAGRAM

MAINS DISTRIBUTOR BOARD 6.GS1:

Applies to the STRUCTURIX NDT-M, type 5203/100, SN1001 - SN1005



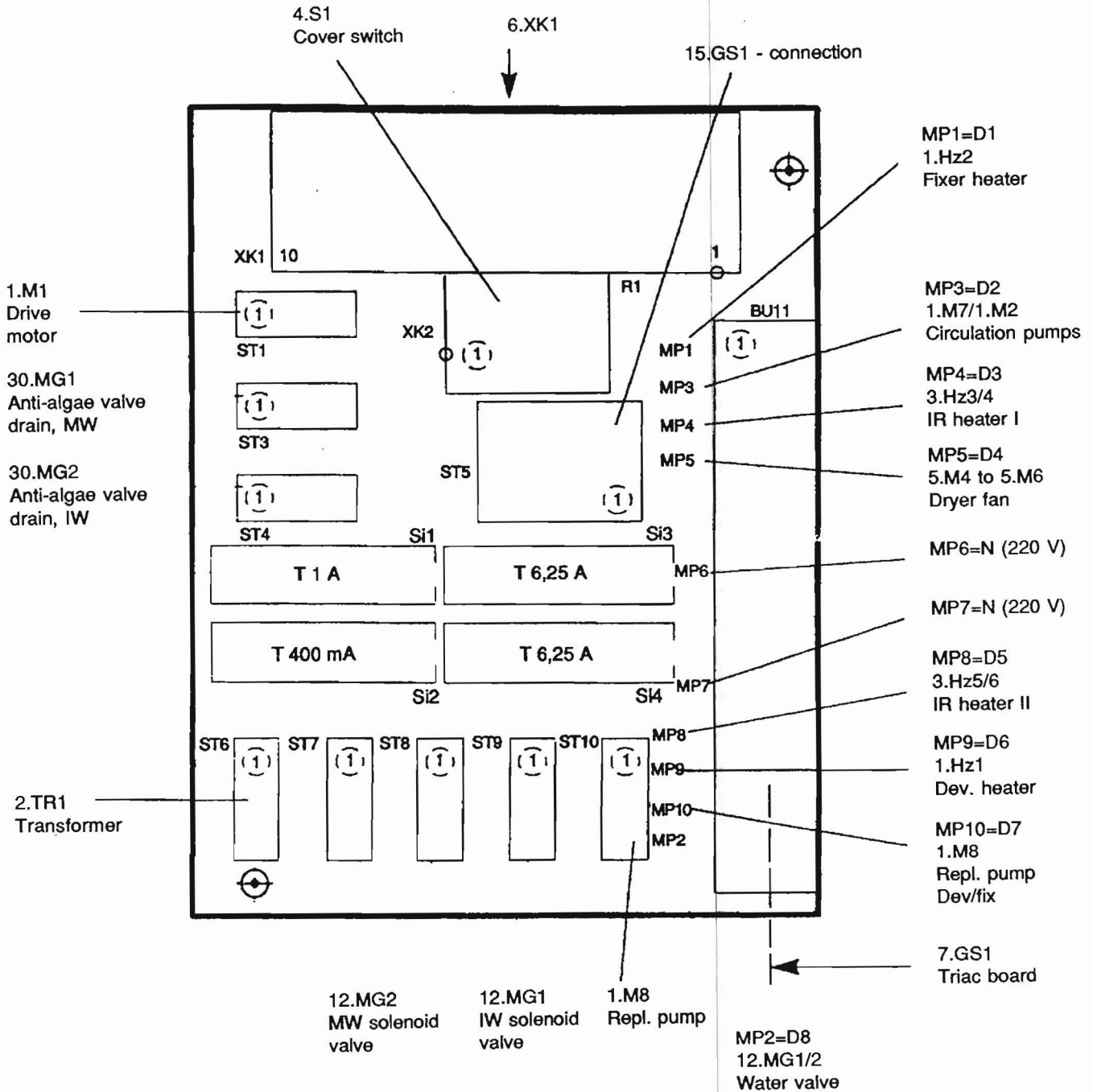
MP = measuring point

NOTE: With permanent EXCESS-VOLTAGE FROM THE MAINS and resulting malfunctions of the machine, we recommend to carry out the MAINS VOLTAGE CONNECTION at the primary side of 2.TR1/240 V. See 15/4. For mains adaptation to further AC connections transformer 2.TR2 must be installed. The "general circuit diagram in reg. 4.4" must be considered (UL diagram)!

REFERENCE DIAGRAM

MAINS DISTRIBUTOR BOARD 6.GS1:

Applies to the STRUCTURIX, type 5203/100 as of SN1006



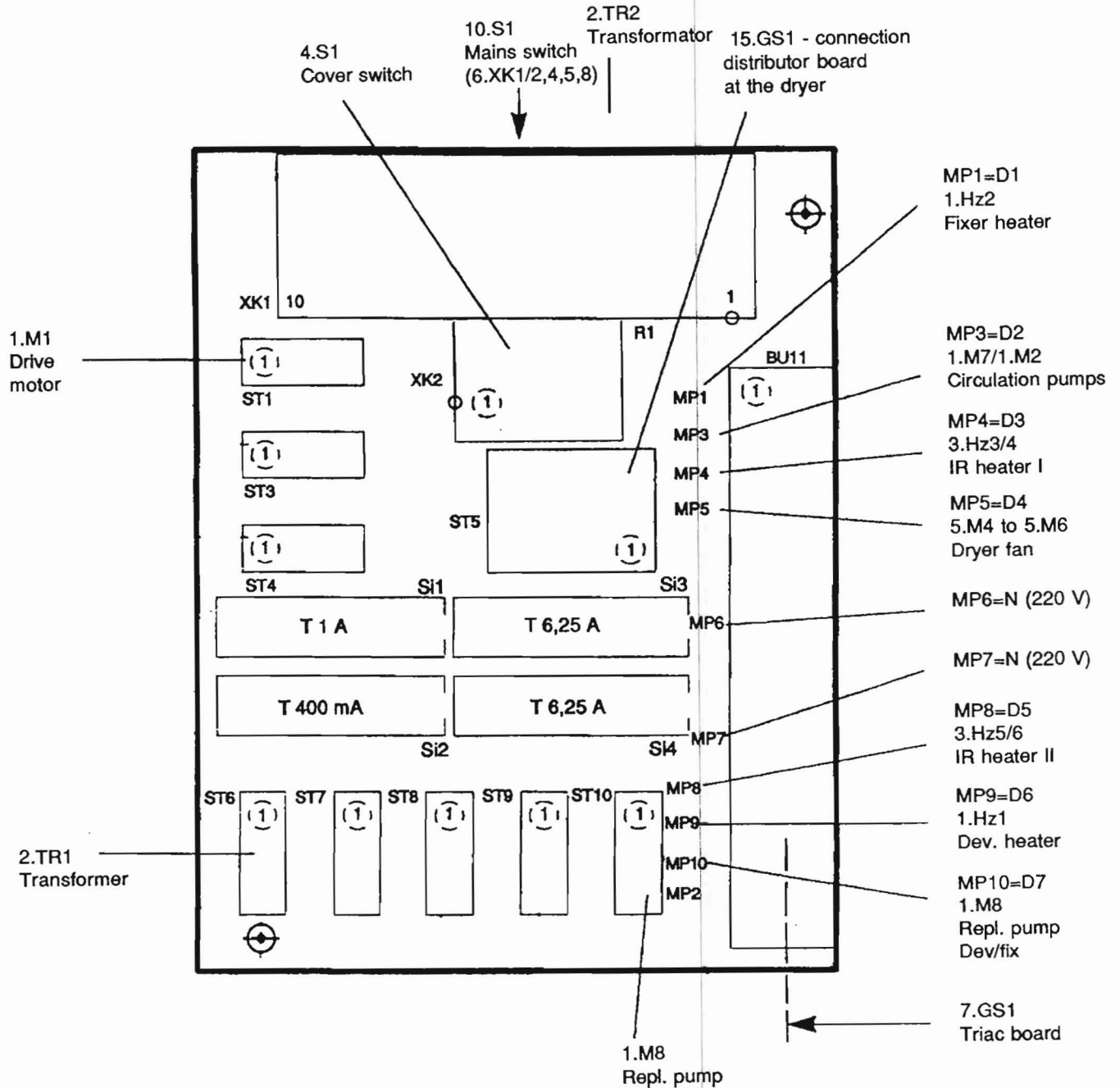
MP = measuring point

NOTE: With permanent EXCESS-VOLTAGE FROM THE MAINS and resulting malfunctions of the machine, we recommend to carry out the MAINS VOLTAGE CONNECTION at the primary side of 2.TR1/240 V. See page 15/4. For mains adaptation to further AC connections transformer 2.TR2 must be installed. The "general circuit diagram in reg. 4.4" must be considered (UL diagram)!

REFERENCE DIAGRAM

MAINS DISTRIBUTOR BOARD 6.GS1:

Applies to STRUCTURIX, type 5203/140, as of SN1001

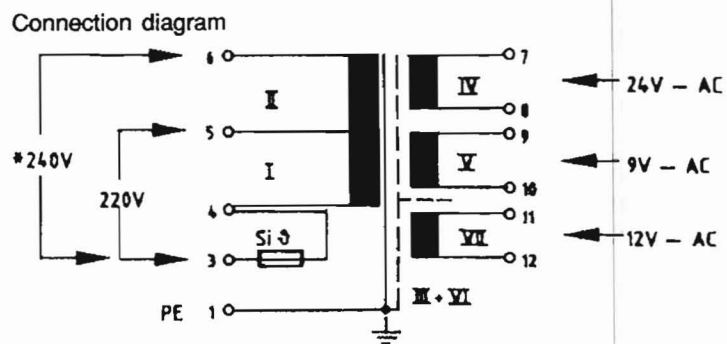
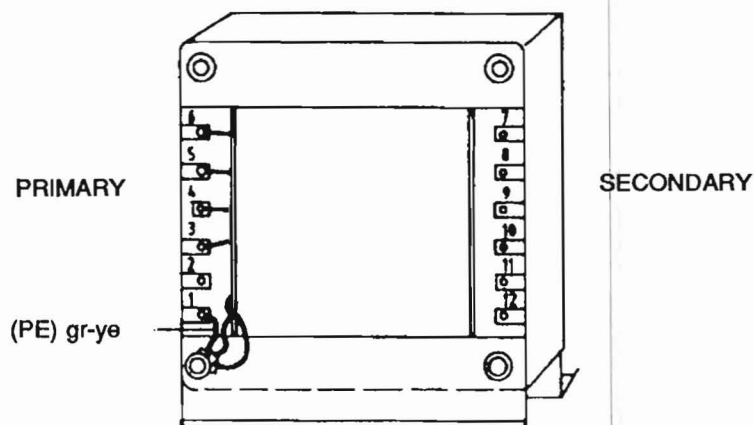


MP = measuring point

NOTE: With permanent EXCESS-VOLTAGE FROM THE MAINS and resulting malfunctions of the machine, we recommend to carry out a MAINS VOLTAGE ADAPTATION at the primary side of 2.TR2. See page 15/5. Consider the "general circuit diagram in reg. 4/4" (UL)!

REFERENCE DIAGRAM - Mains transformer 2.TR1 connection.

Part-number : CM+7.0433.7048.0
 Type designation : DE 24,6V500; 9V2500; 12,3V200
 Protection class: I; VDE0806/IEC380/UL506
 Thermal fuse: Siθ; 127 °C -6K

**NOTE:**

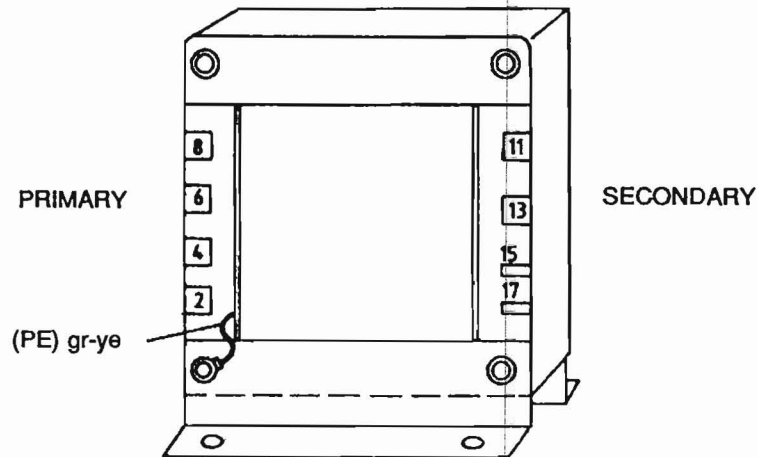
Type 5203/100

With permanent EXCESS-VOLTAGE FROM THE MAINS and resulting malfunctions of the machine, we recommend to carry out the MAINS VOLTAGE CONNECTION at the primary side of 2.TR1/240 V.
 If further MAINS ADAPTATION is required (due to different voltage), install the adaptation transformer 2.TR2 according to the general circuit diagram in reg. 4/4. Also refer to 15.5.

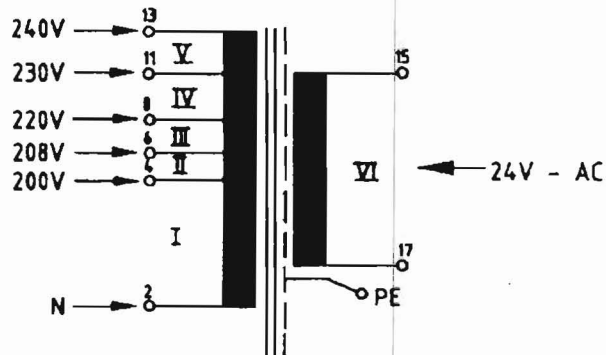
REFERENCE DIAGRAM - Transformer 2.TR2 connection.
 24 V (AC) supply voltage for the solenoid valves.
 Adaptation transformer for mains voltage adaptation.
 (The general circuit diagram in reg. 4/4 must be considered.)

Type 5203/100/140

Part-number : CM+7.0433.7076.0
 Type designation : DEX 24V2000;
 Protection class: I(C); VDE0806/IEC380/UL506



Connection diagram



Type 5203/140: The machine is delivered ex factory for a 240 V AC CONNECTION.
 For "ADAPTATION" see general circuit diagram reg. 4/4!

