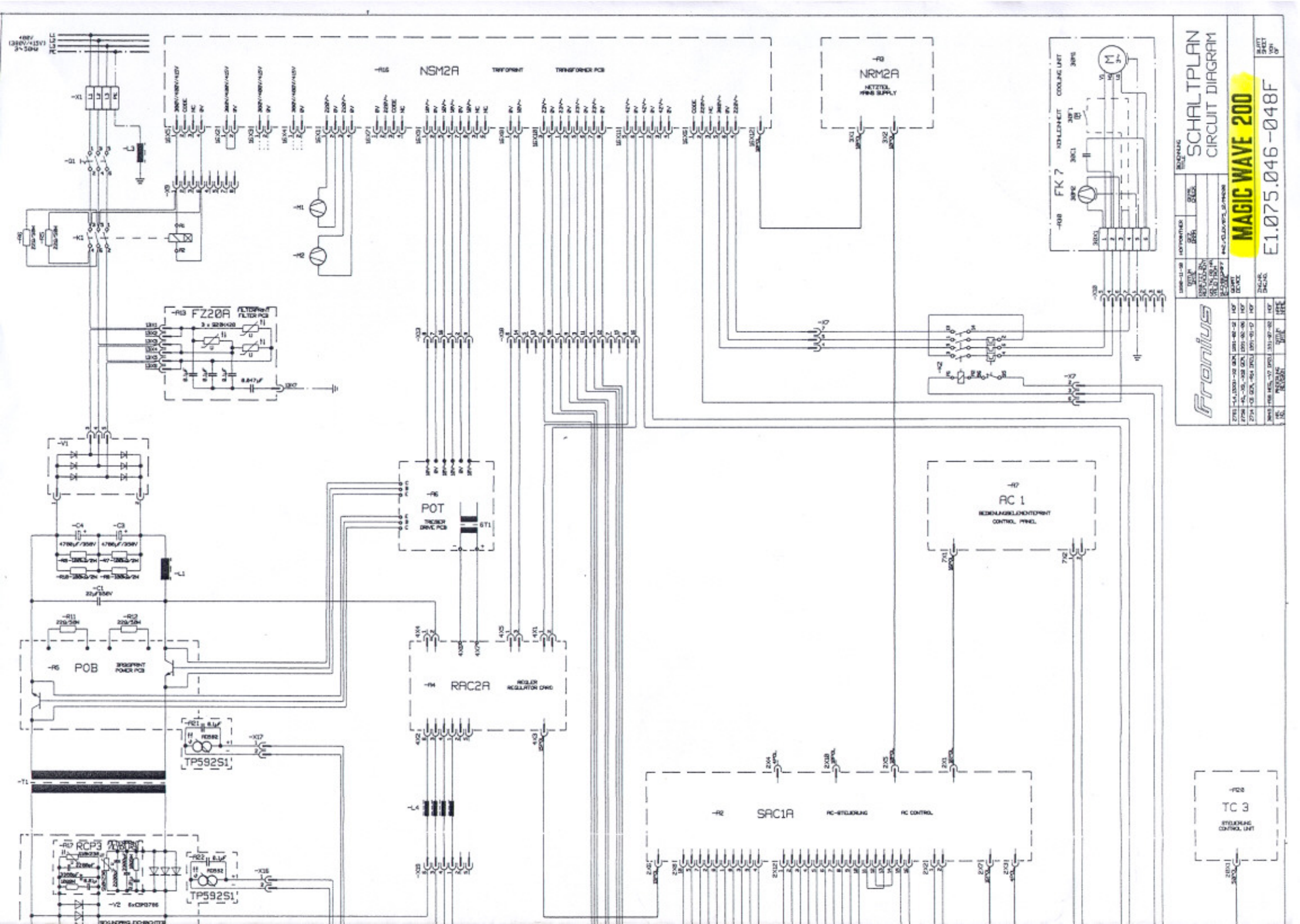
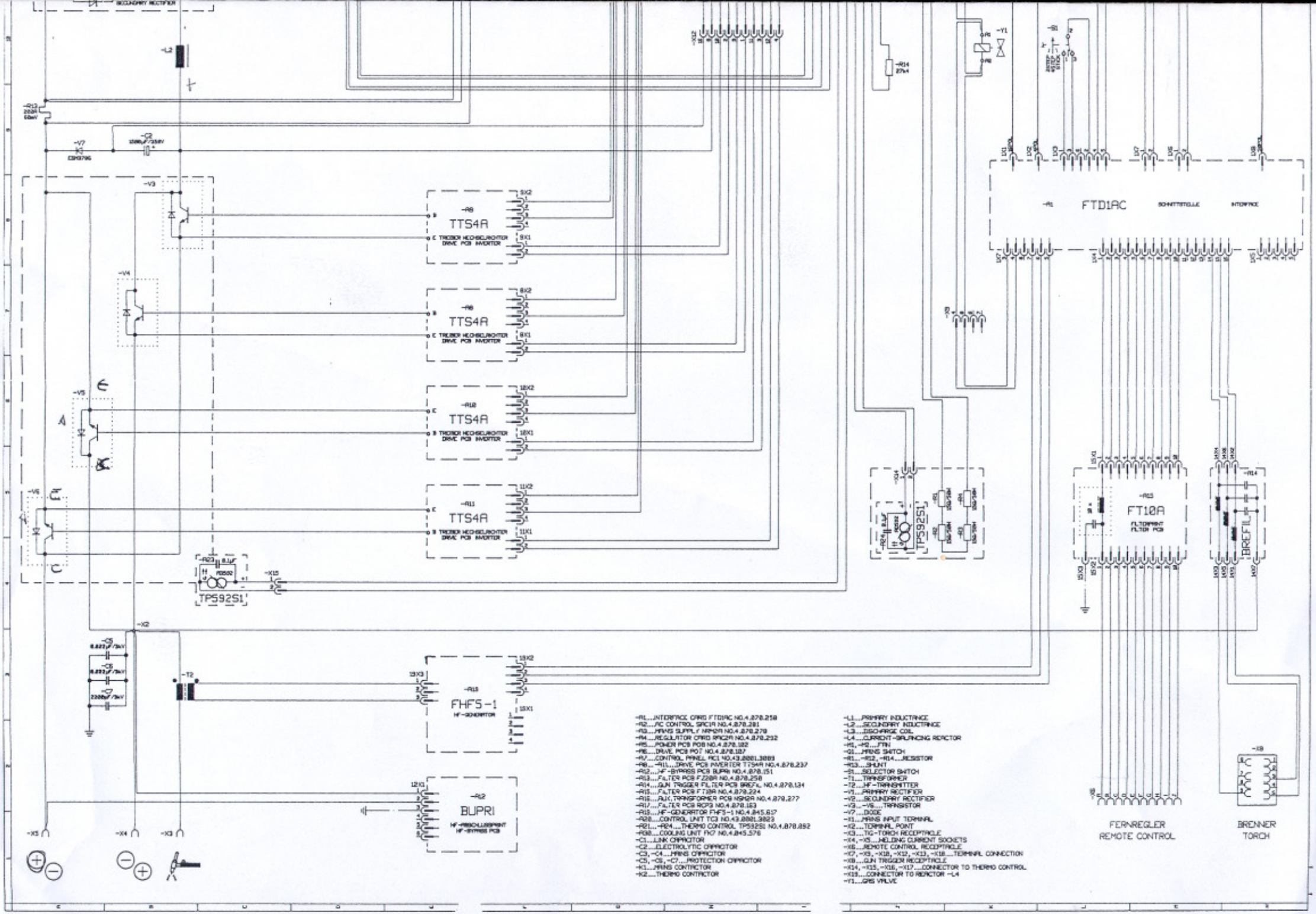

SCHALTPLAN
CIRCUIT DIAGRAM
MAGIC WAVE 200
E1.075.046-048F
Fronius
NSM2A
TRANSFORMER
TRANSFORMER PCB
NRM2A
NETZTEIL
MAINS SUPPLY
FK 7
COOLING UNIT
FZ20A
FILTERPLATINE
FILTER PCB
POT
TRIGGER DRIVE PCB
AC 1
BEDIENUNGSELEMENTEPLATINE
CONTROL PANEL
POB
BRIDGEPLATINE
POWER PCB
RAC2A
REGLER
REGULATOR CARD
TP592S1
RCP3
SAC1A
RC-STEUERUNG
RC CONTROL
TC 3
STEUERUNG
CONTROL UNIT


SECONDARY RECTIFIER
-L2
-R13
-V7
-C2
-V3
-V4
-V5
-V6
-R8
TTS4A
TRIBOR HIGHSECURIGHTER
DRIVE PCB INVERTER
-R6
TTS4A
-R12
TTS4A
-R11
TTS4A
-R23
TPS92S1
-X15
-X2
-C5
-C6
-C7
-T2
-R13
FHFS-1
HF-GENERATOR
-R12
BUPRI
HF-PRECHLUSSPRINT
HF-BYPASS PCB
-X5
-X4
-X3
-X12
-R14
27k4
-Y1
-R1
FTD1AC
SCHNITTSTELLE
INTERFACE
-R4
TPS92S1
-R5
FT10A
FILTERPRINT
FILTER PCB
-R14
BREFIL
-X8
FERNREGLER
REMOTE CONTROL
-X9
BRENNER
TORCH
-R1...INTERFACE CARD FTD1AC NO.4.878.258
-R2...AC CONTROL SRC1R NO.4.878.281
-R3...MAINS SUPPLY NRM2R NO.4.878.278
-R4...REGULATOR CARD RRG2R NO.4.878.232
-R5...POWER PCB PCB NO.4.878.182
-R6...DRIVE PCB POT NO.4.878.187
-R7...CONTROL PANEL RC1 NO.43.0001.3889
-R8...-R11...DRIVE PCB INVERTER TTS4R NO.4.878.237
-R12...HF-BYPASS PCB BUPRI NO.4.878.151
-R13...FILTER PCB F220R NO.4.878.258
-R14...GUN TRIGGER FILTER PCB BREFIL NO.4.878.134
-R15...FILTER PCB FT10R NO.4.878.224
-R16...AUX.TRANSFORMER PCB NSM2R NO.4.878.277
-R17...FILTER PCB RCP3 NO.4.878.163
-R18...HF-GENERATOR FHFS-1 NO.4.845.617
-R20...CONTROL UNIT TC3 NO.43.0001.3823
-R21...-R24...THERMO CONTROL TPS92S1 NO.4.878.892
-R30...COOLING UNIT FK7 NO.4.845.576
-C1...LINK CAPACITOR
-C2...ELECTROLYTIC CAPACITOR
-C3,-C4...MAINS CAPACITOR
-C5,-C6,-C7...PROTECTION CAPACITOR
-K1...MAINS CONTACTOR
-K2...THERMO CONTACTOR
-L1...PRIMARY INDUCTANCE
-L2...SECONDARY INDUCTANCE
-L3...DISCHARGE COIL
-L4...CURRENT-BALANCING REACTOR
-M1,-M2...FAN
-G1...MAINS SWITCH
-R1...-R12,-R14...RESISTOR
-R13...SHUNT
-S1...SELECTOR SWITCH
-T1...TRANSFORMER
-T2...HF-TRANSMITTER
-V1...PRIMARY RECTIFIER
-V2...SECUNDARY RECTIFIER
-V3...-V6...TRANSISTOR
-V7...DIODE
-X1...MAINS INPUT TERMINAL
-X2...TERMINAL POINT
-X3...TIG-TORCH RECEPTACLE
-X4,-X5...WELDING CURRENT SOCKETS
-X6...REMOTE CONTROL RECEPTACLE
-X7,-X8,-X10,-X12,-X13,-X18...TERMINAL CONNECTION
-X9...GUN TRIGGER RECEPTACLE
-X14,-X15,-X16,-X17...CONNECTOR TO THERMO CONTROL
-X19...CONNECTOR TO REACTOR -L4
-Y1...GAS VALVE