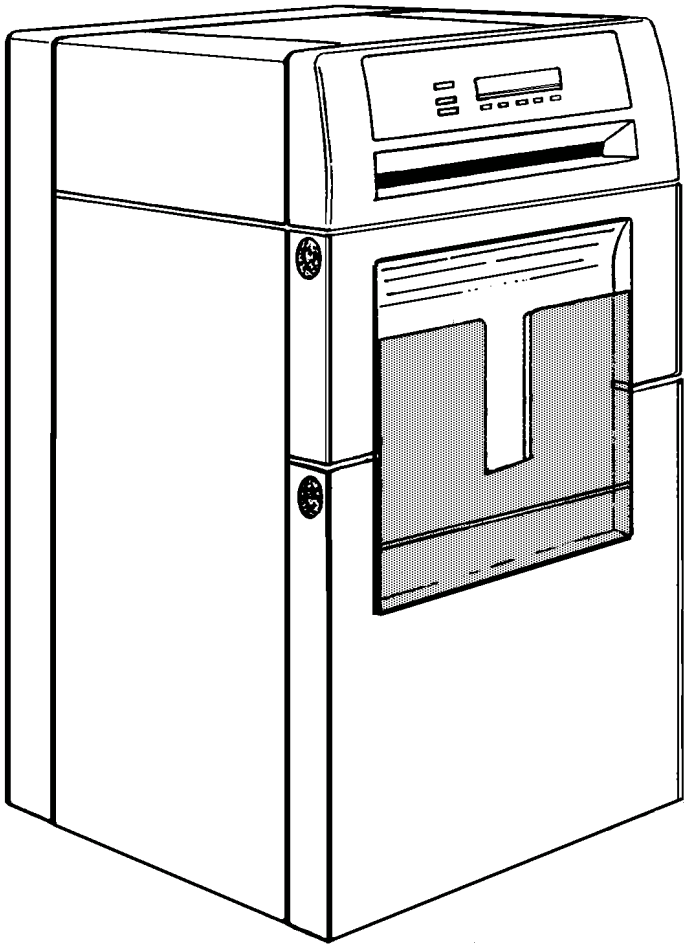
Publication No. WD 3058-4
1/98

SUPPLEMENT TO THE WIRING DIAGRAMS

to include the

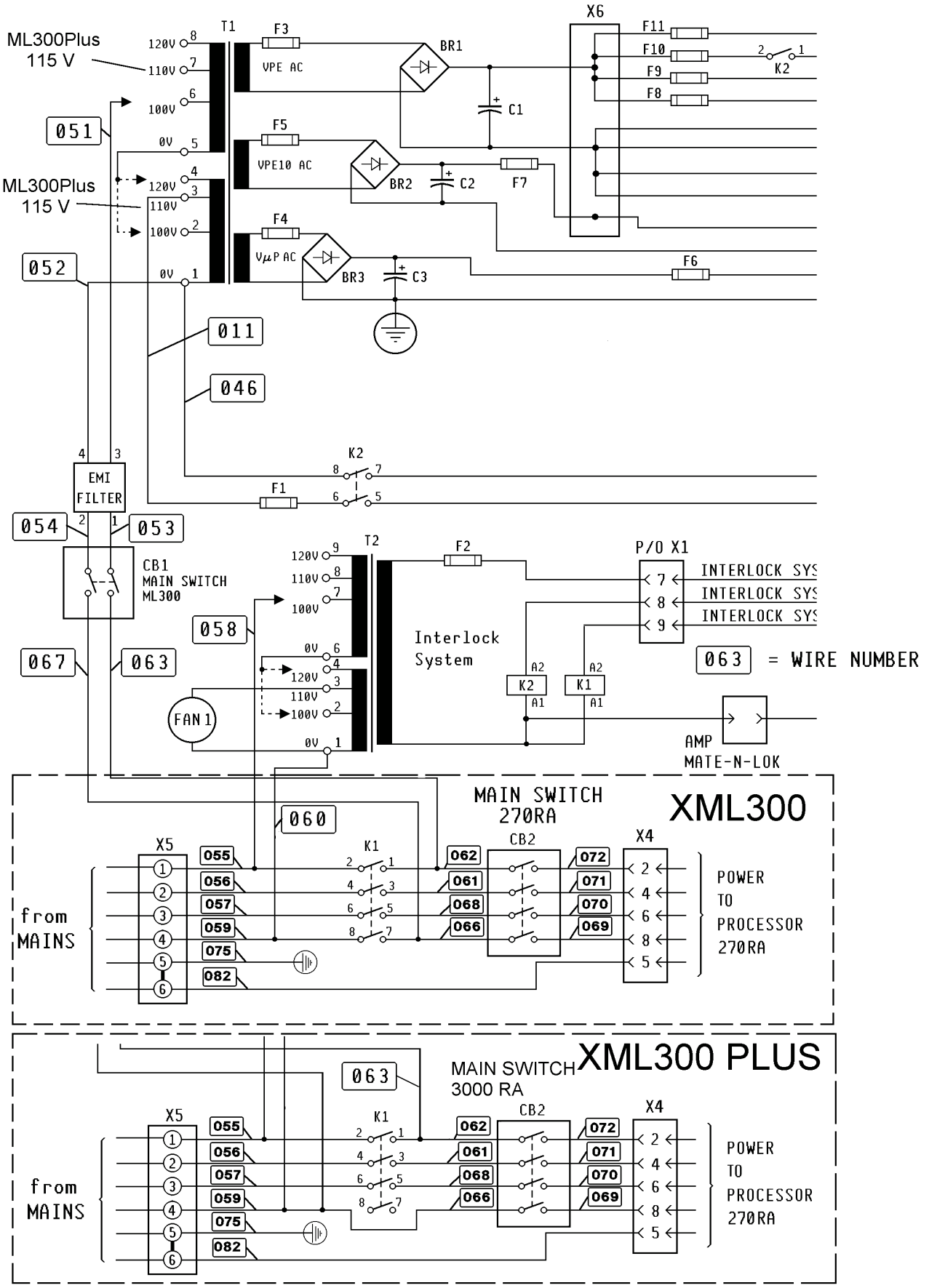
Kodak X-Omat MULTILOADER 300 Plus

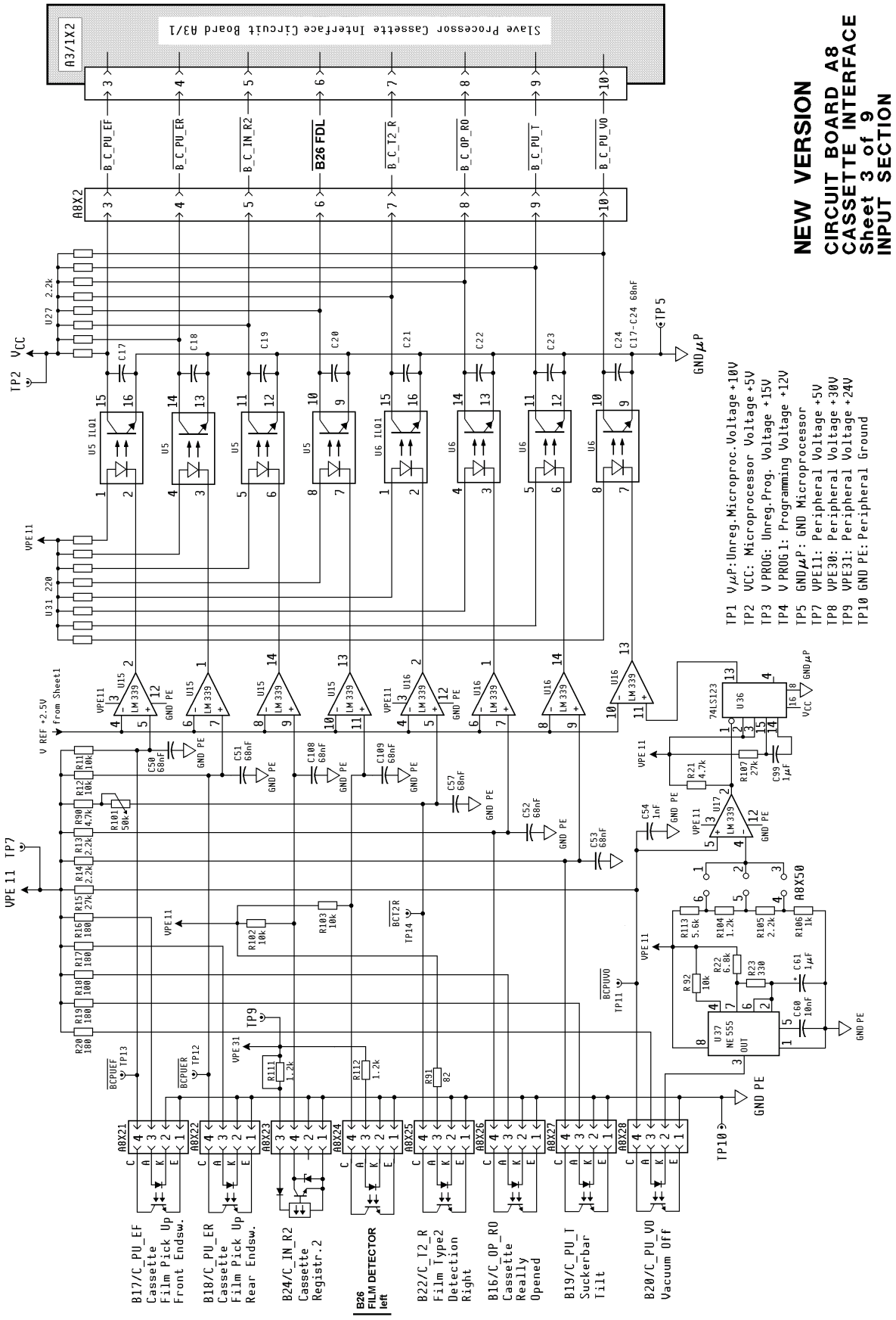


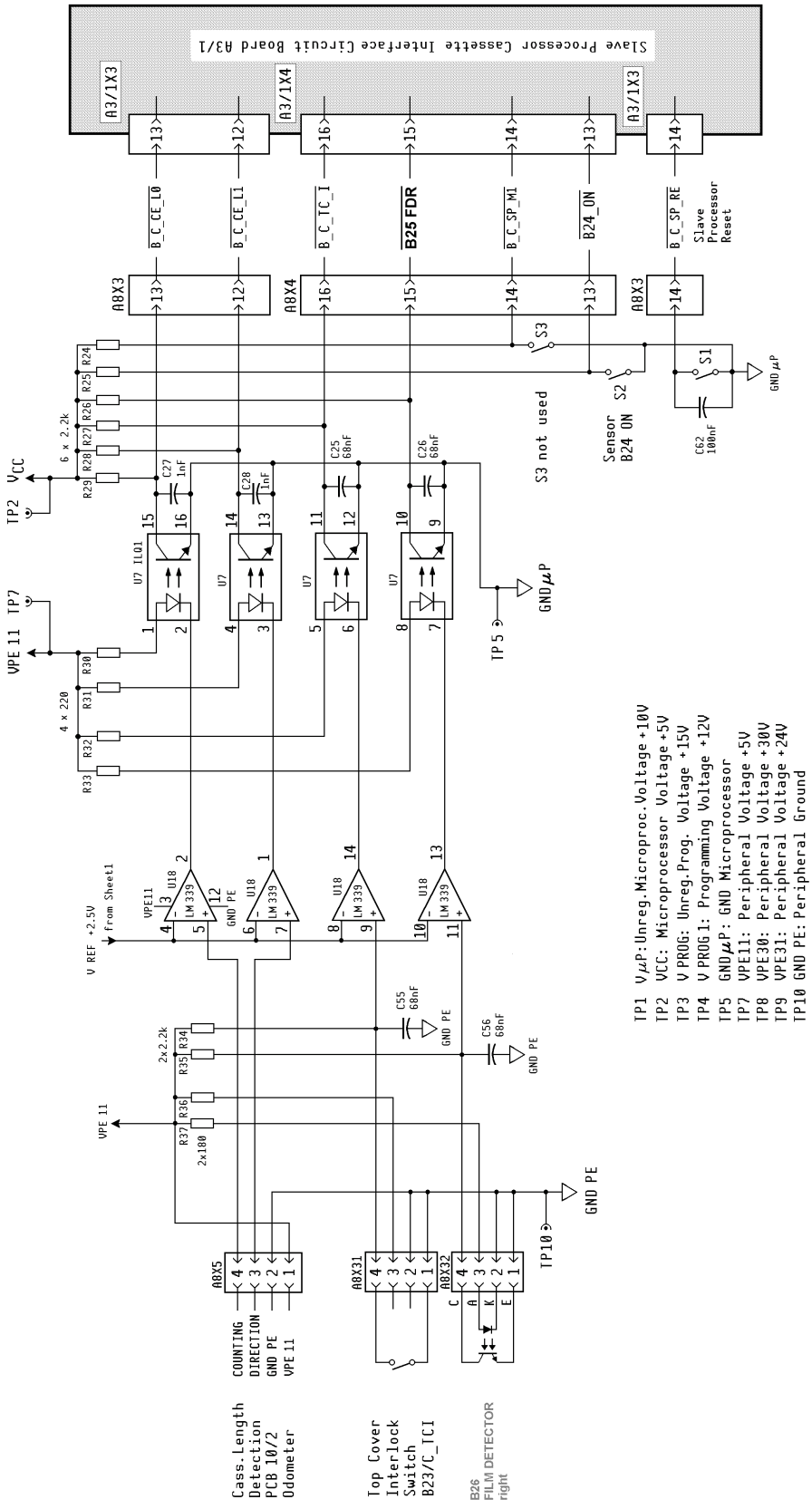
CHAPTER 1

Note

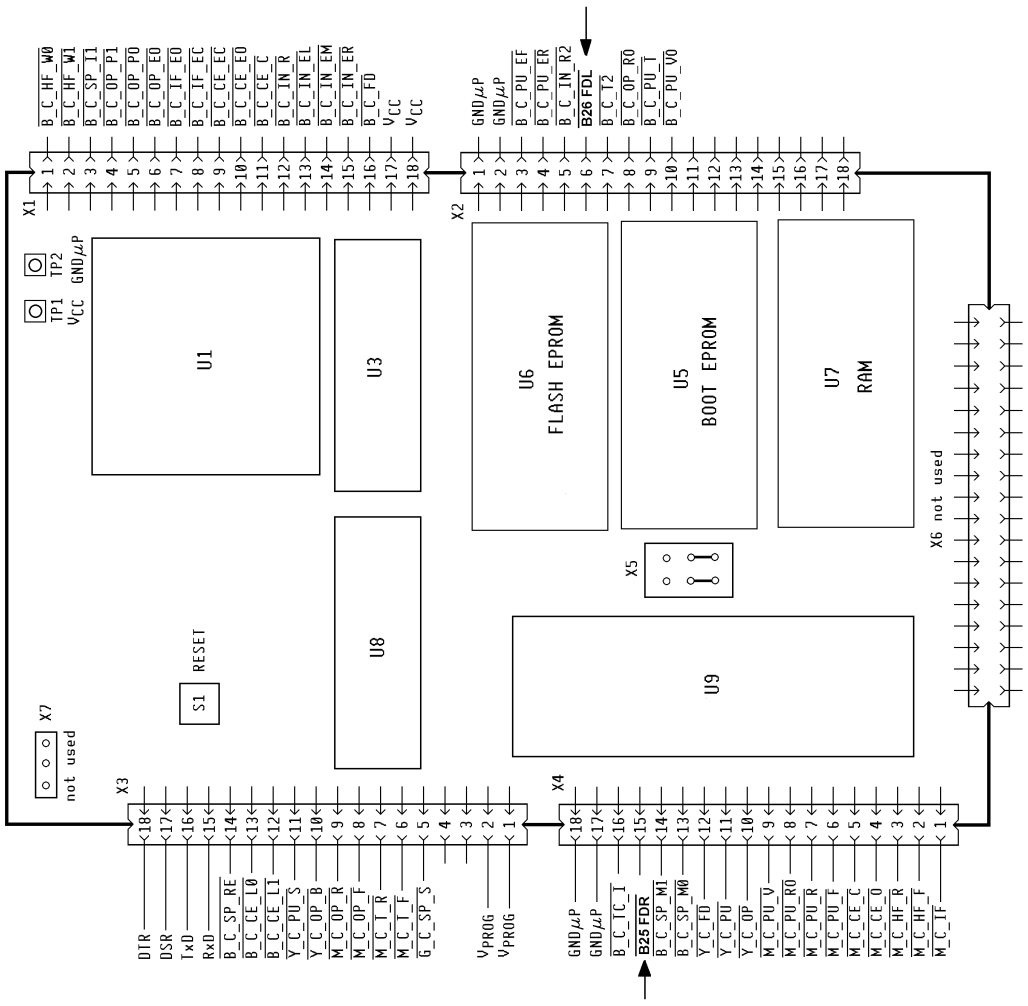
- THE XML 300 Plus has an integrated Kodak X-Omat Processor 3000 RA. The SENSORS of the PROCESSOR ENTRANCE DETECTOR ROLLERS are moved back into the PROCESSOR INTERFACE of the XML 300 Plus. They are called SENSOR B25 FILM DETECTOR RIGHT and SENSOR B26 FILM DETECTOR LEFT. Both SENSOR are marked on the drawings of page 1-3 and 1-4 with a black line, and on page 1-5 with arrows.
- A different TRANSFORMER T1 is used for the XML 300 Plus. The TERMINAL BLOCK of T1 XML 300 was orange and the TERMINAL BLOCK of T1 XML 300 Plus is grey. The wiring of the NEUTRAL CONNECTOR X5-4 is changed. It is no longer interrupted by CONTACTOR K1 (8-7). See the drawing on page 1-2.


ML300Plus
115 V
120V
110V
100V
0V
T1
F3
VPE AC
BR1
C1
X6
F11
F10
F9
F8
K2
051
F5
VPE10 AC
BR2
C2
F7
ML300Plus
115 V
F4
VμP AC
BR3
C3
F6
052
011
046
EMI
FILTER
K2
F1
054
053
CB1
MAIN SWITCH
ML300
T2
F2
P/O X1
INTERLOCK SYS
INTERLOCK SYS
INTERLOCK SYS
058
Interlock
System
063 = WIRE NUMBER
067
063
FAN 1
A2
A1
AMP
MATE-N-LOK
060
MAIN SWITCH
270RA
XML300
X5
K1
CB2
X4
from
MAINS
055
056
057
059
075
082
062
061
068
066
072
071
070
069
POWER
TO
PROCESSOR
270RA
063
MAIN SWITCH
3000 RA
XML300 PLUS


NEW VERSION
CIRCUIT BOARD A8
CASSETTE INTERFACE
Sheet 3 of 9
INPUT SECTION
Slave Processor Cassette Interface Circuit Board A3/1
A3/1X2
A8X2
B_C_PU_EF
B_C_PU_ER
B_C_IN_R2
B26 FDL
B_C_I2_R
B_C_OP_RO
B_C_PU_T
B_C_PU_VO
TP1 VμP: Unreg. Microproc. Voltage +10V
TP2 VCC: Microprocessor Voltage +5V
TP3 V PROG: Unreg. Prog. Voltage +15V
TP4 V PROG 1: Programming Voltage +12V
TP5 GNDμP: GND Microprocessor
TP7 VPE11: Peripheral Voltage +5V
TP8 VPE30: Peripheral Voltage +30V
TP9 VPE31: Peripheral Voltage +24V
TP10 GND PE: Peripheral Ground
B17/C_PU_EF Cassette Film Pick Up Front Endsw.
B18/C_PU_ER Cassette Film Pick Up Rear Endsw.
B24/C_IN_R2 Cassette Registr.2
B26 FILM DETECTOR left
B22/C_I2_R Film Type2 Detection Right
B16/C_OP_RO Cassette Really Opened
B19/C_PU_T Suckerbar Tilt
B20/C_PU_VO Vacuum Off


CIRCUIT BOARD A8
CASSETTE INTERFACE
Sheet 4 of 9
INPUT SECTION
Slave Processor Cassette Interface Circuit Board A3/1
A3/1X3
A3/1X4
A3/1X3
B_C_CE_L0
B_C_CE_L1
B_C_TC_I
B25 FDR
B_C_SP_MI
B24_ON
B_C_SP_RE
Slave Processor Reset
A8X3
A8X4
A8X3
S3
S2
S1
Sensor B24 ON
S3 not used
GND µP
C62 100nF
6 x 2.2k
R24
R25
R26
R27
R28
R29
TP2 VCC
C27 1nF
C28 1nF
C25 68nF
C26 68nF
U7 ILQ1
U7
U7
U7
VPE 11 TP7
R30
R31
R32
R33
4 x 220
TP5
GND µP
V REF +2.5V from Sheet1
VPE11
U18 LM 339
GND PE
C55 68nF
C56 68nF
2x2.2k
R34
R35
R36
R37
2x180
VPE 11
GND PE
TP10
A8X5
A8X31
A8X32
COUNTING
DIRECTION
GND PE
VPE 11
Cass.Length Detection PCB 10/2 Odometer
Top Cover Interlock Switch B23/C_TCI
B26 FILM DETECTOR right
TP1 VµP: Unreg. Microproc. Voltage +10V
TP2 VCC: Microprocessor Voltage +5V
TP3 V PROG: Unreg. Prog. Voltage +15V
TP4 V PROG 1: Programming Voltage +12V
TP5 GNDµP: GND Microprocessor
TP7 VPE11: Peripheral Voltage +5V
TP8 VPE30: Peripheral Voltage +30V
TP9 VPE31: Peripheral Voltage +24V
TP10 GND PE: Peripheral Ground

CASSETTE UNIT
SLAVE PROCESSOR A3/1



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