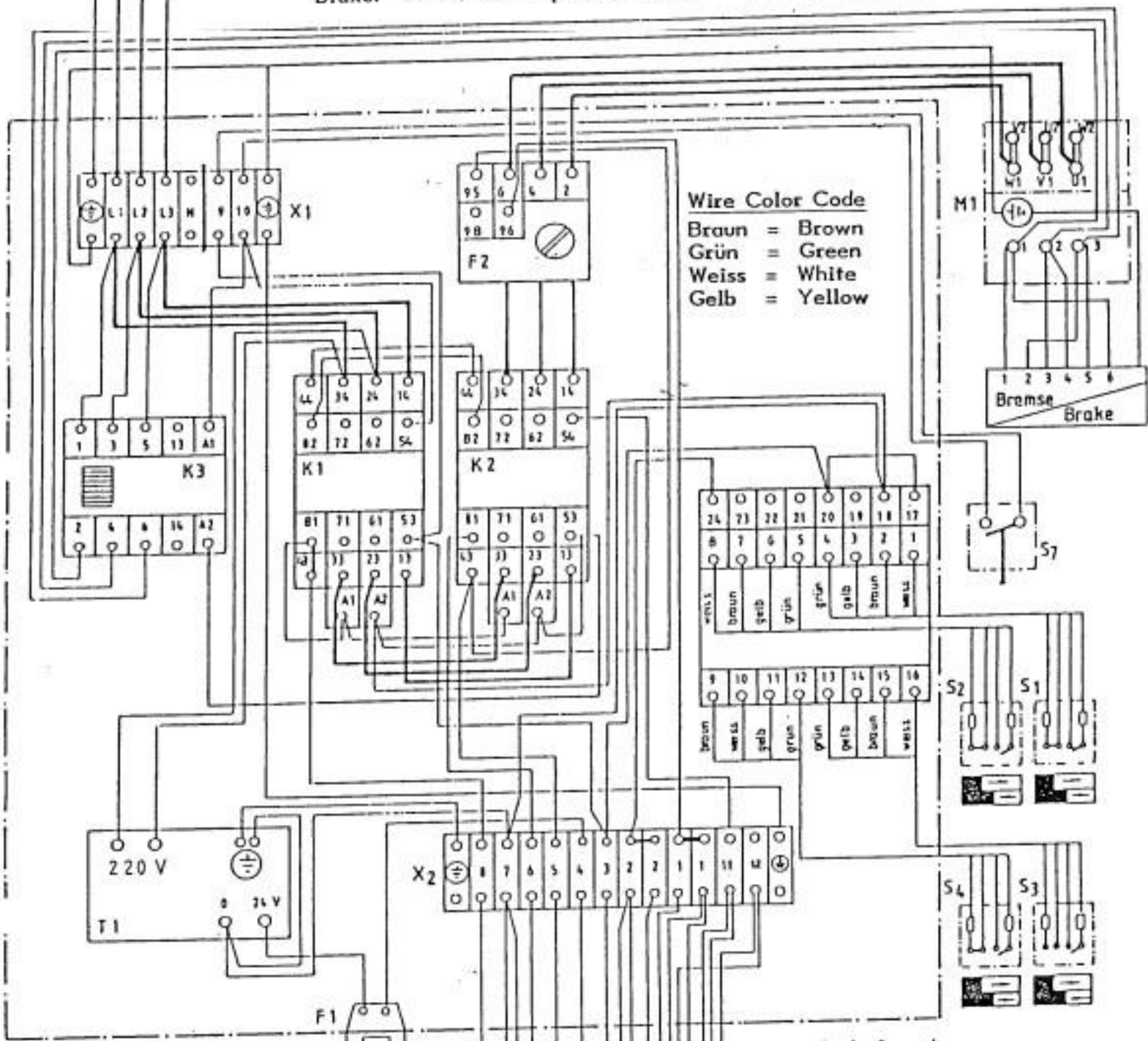


PE L<sub>1</sub> L<sub>2</sub> L<sub>3</sub>

Motor: 220 V three-phase current  
 Brake: 220 V three-phase current

CONNECTING DIAGRAM FOR  
 MD 31 SLICER



**Wire Color Code**  
 Braun = Brown  
 Grün = Green  
 Weiss = White  
 Gelb = Yellow

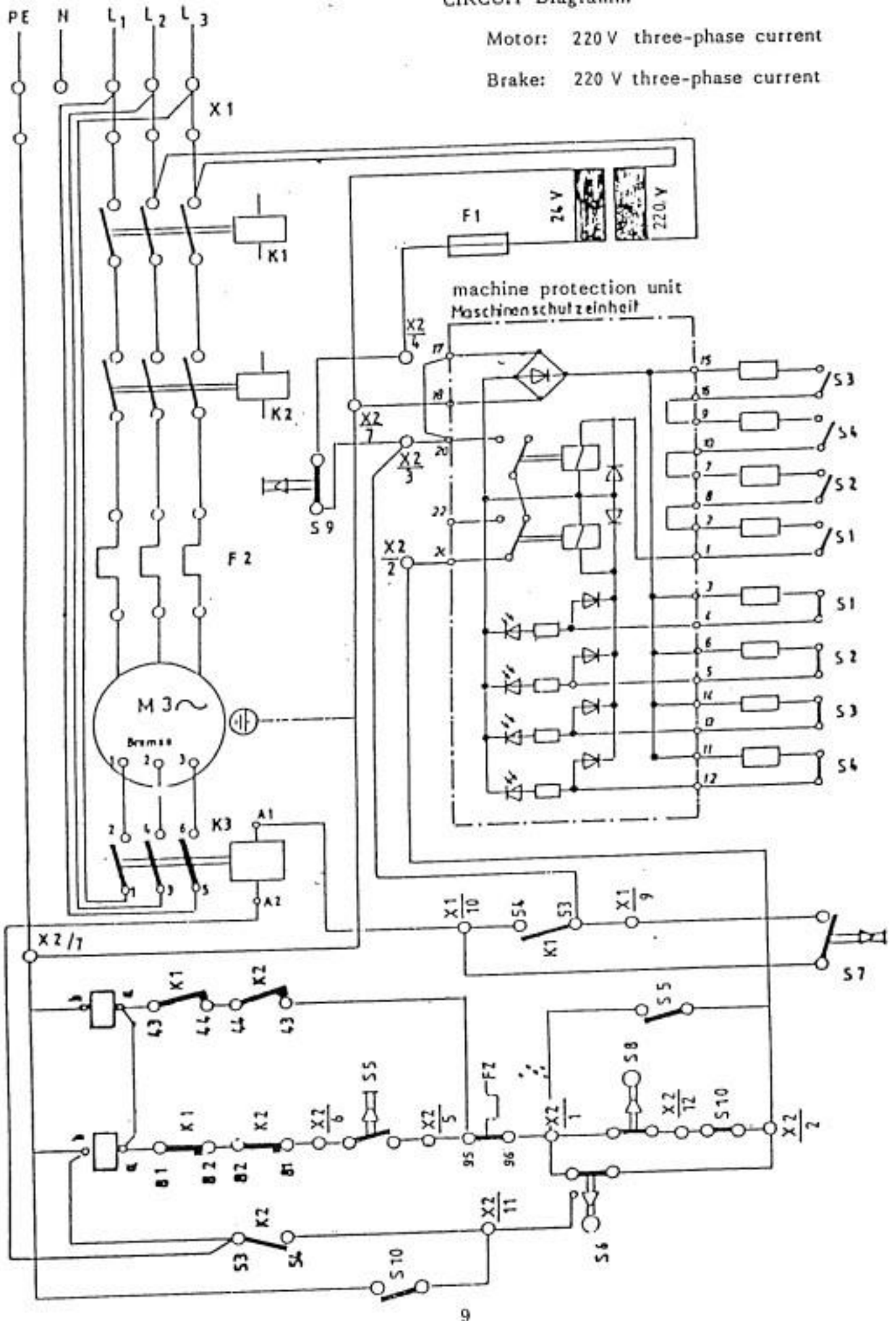
- S9
- S5
- S8
- S6
- S10
- S1 prot. switch-gener.
- M1 gear brake motor
- K3 contactor 10E
- K2 contactor DSL6-53UE
- K1 contactor DSL6-53UE
- F2 overcurrent relay
- F1 control fuse
- A1 central unit for 4 gens
- S10 switch for change
- X2 terminal row
- X1 terminal row
- T1 disc. transf. 220 V/24 V
- S9 SWItch (attention off)
- S8 limiter key conv/off
- S7 key seitch "BRAKE RELEASE"
- S6 appr. sw. blade standstill
- S5 key switch "ON"
- S4 prot. sw.-generator
- S3 prot. sw.-generator
- S2 prot.sw.-genera

Model 31 K

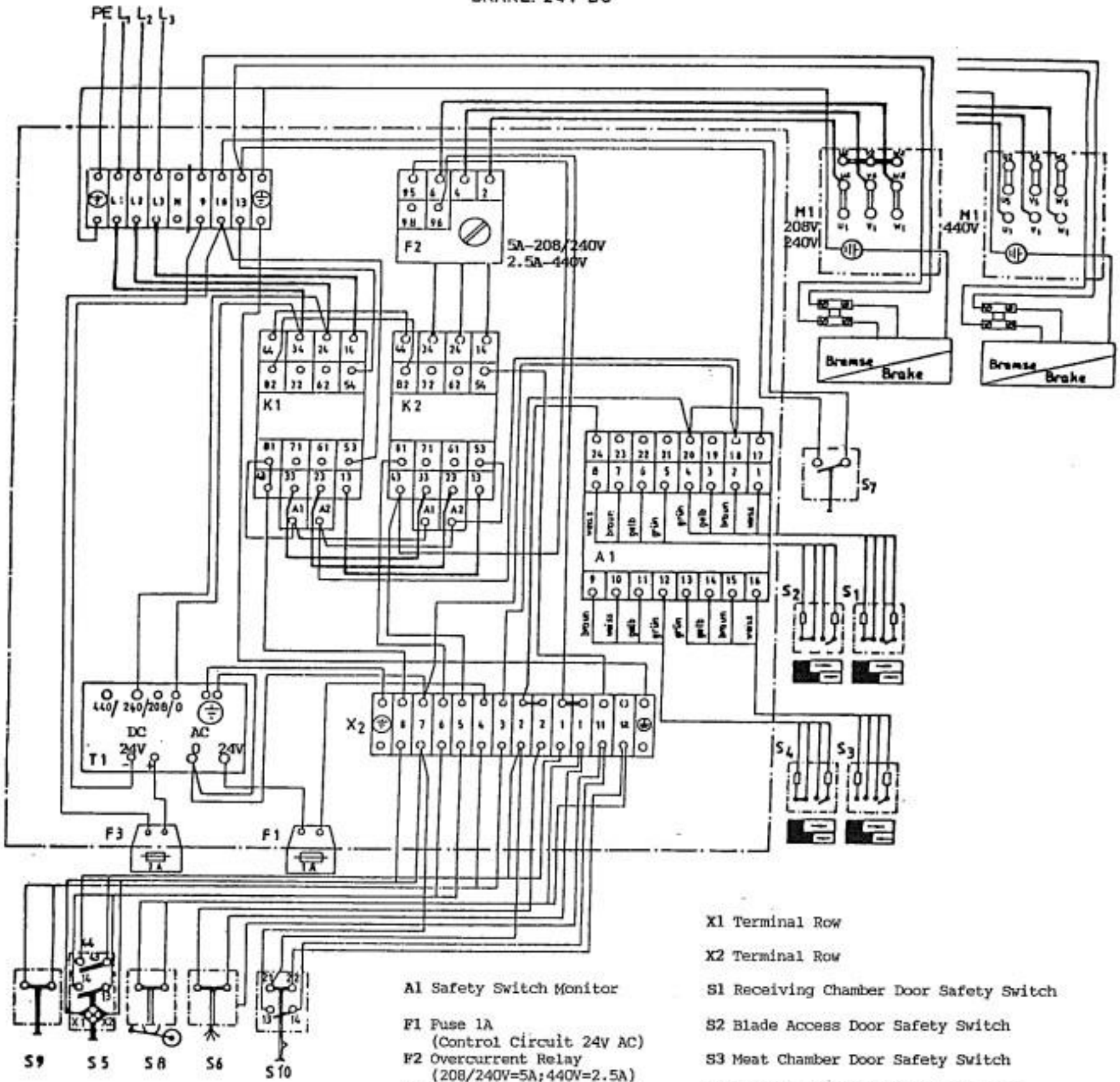
CIRCUIT Diagramm

Motor: 220 V three-phase current

Brake: 220 V three-phase current



**WIRING DIAGRAM**  
**MOTOR: 208/240/440-60-3**  
**CONTROL CIRCUIT 24V AC**  
**BRAKE: 24V DC**



- X1 Terminal Row
- X2 Terminal Row
- A1 Safety Switch Monitor
- S1 Receiving Chamber Door Safety Switch
- S2 Blade Access Door Safety Switch
- S3 Meat Chamber Door Safety Switch
- S4 Thickness Adjustment Access Door Safety Switch
- S5 Main On Switch
- S6 Proximity Switch (Blade Position)
- S7 "Brake Release" Switch
- S8 Transporter Limit Switch
- S9 Main Off Switch
- S10 First Cut Selector Switch
- F1 Fuse 1A (Control Circuit 24V AC)
- F2 Overcurrent Relay (208/240V=5A; 440V=2.5A)
- F3 Fuse 2A (Brake Coil 24V DC)
- K1 Contactor DSL 6-53UE
- K2 Contactor DSL 6-53UE
- M1 Brake Motor With Gear Reducer
- T1 Transformer 208/240/440V to 24V AC for Control Circuit & 24V DC for Brake Release

# CIRCUIT DIAGRAM

MOTOR: 208/240/440-60-3  
CONTROL CIRCUIT: 24V AC  
BRAKE: 24V DC

