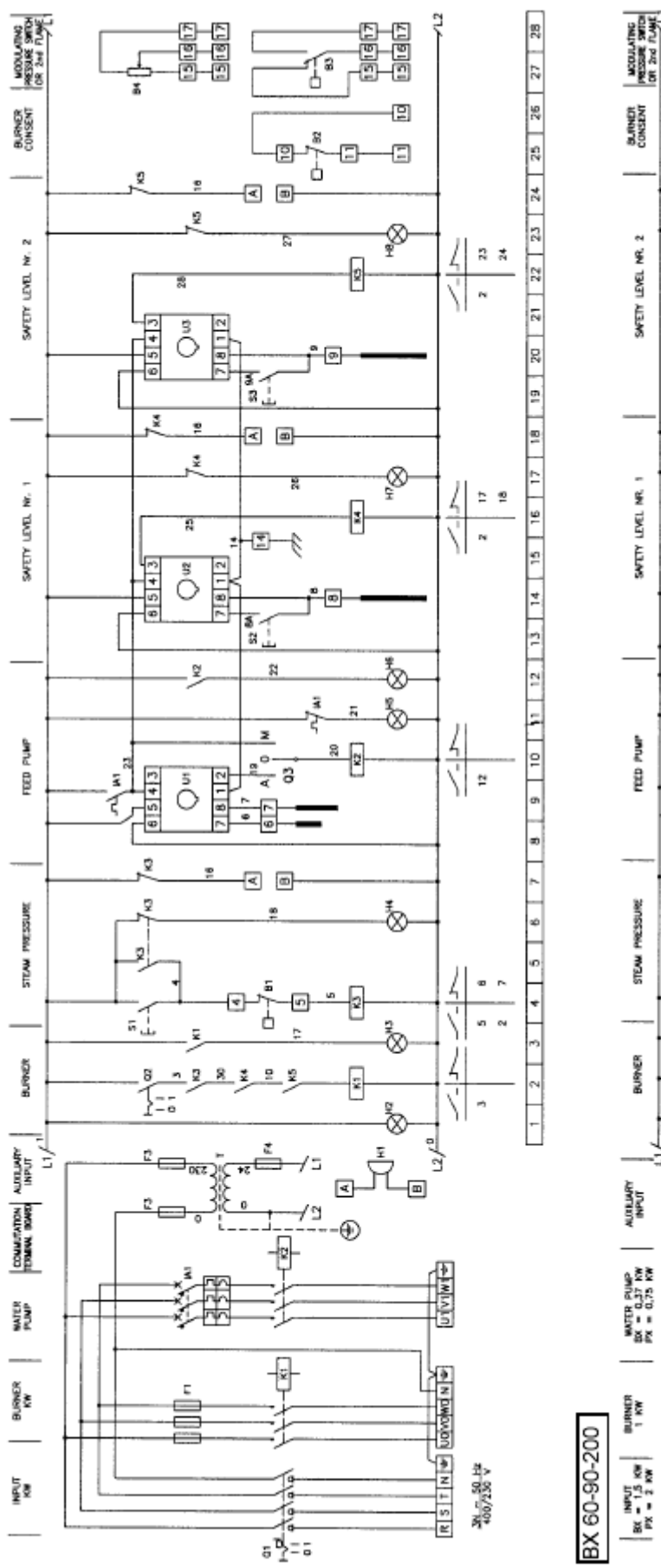


BX Boiler Wiring Diagram

KEY

- B1 Boiler safety pressure switch
- B2 Boiler limit pressure switch
- B3 2nd flame pressure switch (if any)
- B4 Modulating pressure switch (if any)
- F1 Burner fuses
- F3 Auxiliary fuses 230 V
- F4 Auxiliary fuses 24 V
- H1 Alarm
- H2 Grid warning light (white)
- H3 Burner warning light (white)
- H4 Max pressure exceeded warning light (red)
- H5 Feed pump thermal relay warning light (yellow)
- H6 Feed pump warning light with working boiler (white)
- H7 Low safety level warning light 1 (red)
- H8 Low safety level warning light 2 (red)
- IA1 Water feed pump magneto-thermal switch
- K1 Burner relay
- K2 Boiler feed pump relay
- K3 Boiler pressure safety relay
- K4 Boiler level safety relay 1
- K5 Boiler level safety relay 2
- Q1 Main switch
- Q2 Burner switch
- Q3 automatic/manual change-over switch
- S1 Boiler safety pressure reset button (blue)
- S2 Safety 1 level reset button (blue)
- S3 Safety 2 level reset button (blue)
- T Transformer 0-230 0-24 V
- U1 Electronic level regulator 24 V
- U2 Electronic safety level 1 24 V
- U3 Electronic safety level 2 24 V



BX 60-90-200

INPUT KW
BK = 1.5 KW
PK = 2 KW

WATER PUMP
BK = 0.37 KW
PK = 0.75 KW

AUXILIARY INPUT

BURNER

STEAM PRESSURE

FEED PUMP

SAFETY LEVEL NR. 1

SAFETY LEVEL NR. 2

BURNER CONSENT

MODULATING PRESSURE SWITCH (OR 2nd FLAME)

30-50 Hz
400/230 V