

Wiring diagram of the Control Panel - Modul TB\_PREM in control panel used for  
**MODEL PRO 500 (DC 310), MODEL PRO 700 (DC 350), DC 240, DC 290, DL 210, DL 270, DL 290, DL 320, DL 330, DL 340, DL 380,**  
**MODEL PRO 600 (DA 270), DA 280, MODEL PRO 800 (DA 370), DA 380**  
 (7.7.2022)

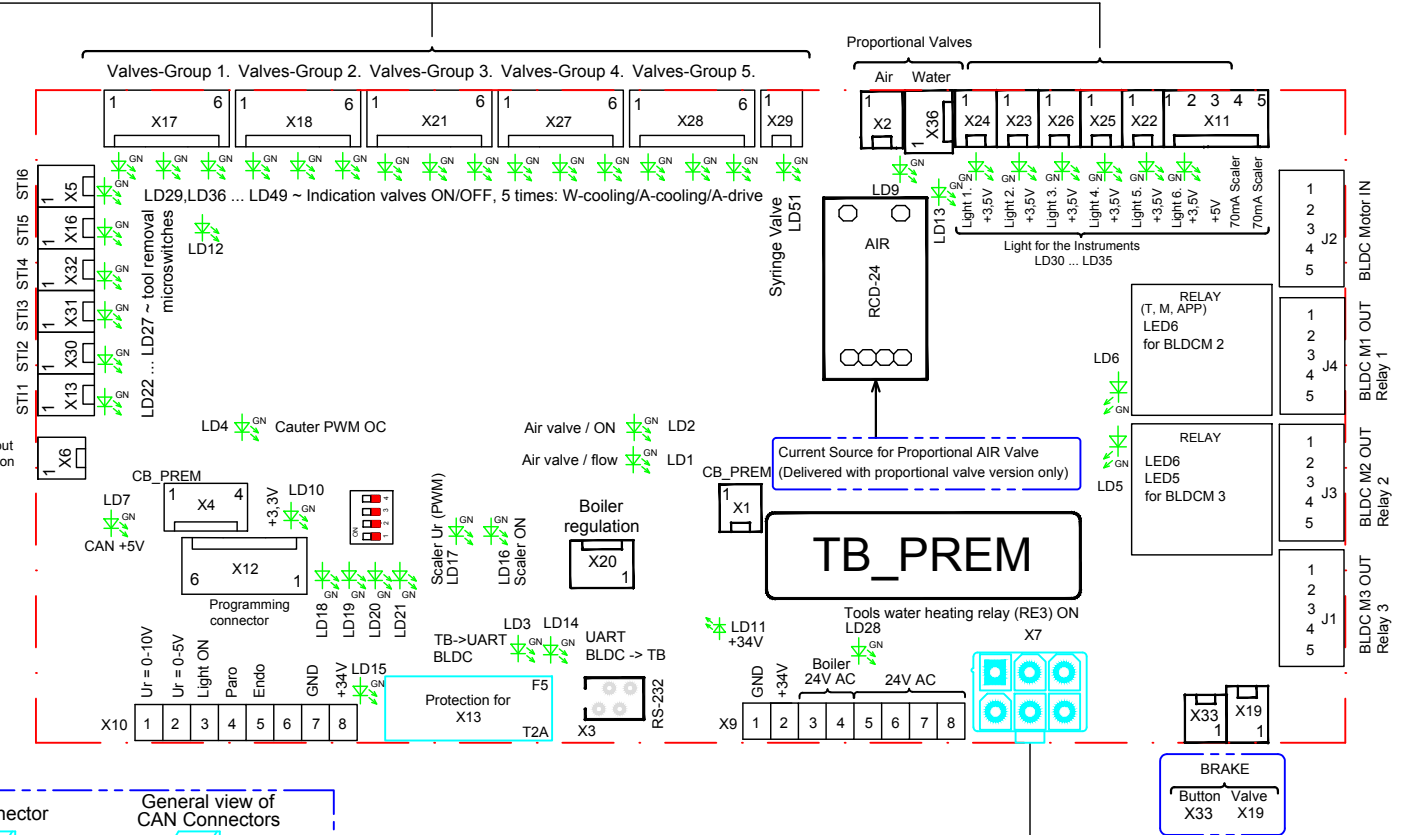
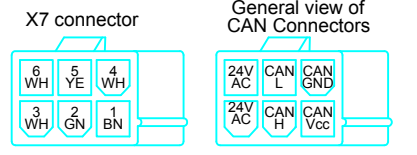
BK - Black (čierna)  
 BN - Brown (hnedá)  
 BU - Blue (modrá)  
 GN - Green (zelená)  
 GNYE - Green/Yellow  
 GY - Grey (sivá)  
 OG - Orange (oranžová)  
 PK - Pink (ružová)  
 RD - Red (červená)  
 VT - Violet (fialová)  
 WH - White (biela)  
 YE - Yellow (žltá)

**Functionally related parts**

- Valves-Group 1. (Connector X17)  
 - Light 1. (Connector X24)
- Valves-Group 2. (Connector X18)  
 - Light 2. (Connector X23)
- Valves-Group 3. (Connector X21)  
 - Light 3. (Connector X26)
- Valves-Group 4. (Connector X27)  
 - Light 4. (Connector X25)
- Valves-Group 5. (Connectors X28)  
 - Light 5. (Connector X22)
- Valves-Group 6. (Connectors X29)  
 - valve for hygiene syringe
- Light 6. (Connector X11)

LD5 ~ BLDC relay 1 ON  
 LD6 ~ BLDC relay 2 ON  
 LD7 ~ CAN +5V  
 LD8 ~ Power Good for Scaler  
 LD9 ~ Water servo - Control  
 LD11 ~ +34V  
 LD12 ~ +24V  
 LD13 ~ Water servo - Power  
 LD15 ~ +34V / Scaler  
 LD16 ~ Scaler ON  
 LD17 ~ Scaler Ur (PWM) (Intensity of LED depends on output intensity of Ur)  
 LD18 ~ Scaler Light  
 LD19 ~ Scaler Paro  
 LD20 ~ Scaler Endo  
 LD21 ~ Scaler Start

1 ~ Normal OFF - If table not contain motors turn ON  
 2 ~ Normal OFF - Factory reset (Turn ON DIP SW2 -> Restart Dental Unit -> Wait for 5 min -> Turn OFF Dental Unit -> Turn OFF DIP SW2 -> Turn ON Dental Unit)  
 3 ~ Normal OFF - not used  
 4 ~ Normal OFF - not used



Control Panel - Base

Pantograph of the Control Panel

Pillar

Spittoon Block / Power Block / Pillar Base

Bundle of the Control Panel

Communication and 24V AC  
 SB\_PREM X6, X8, X9  
 Spittoon Block