

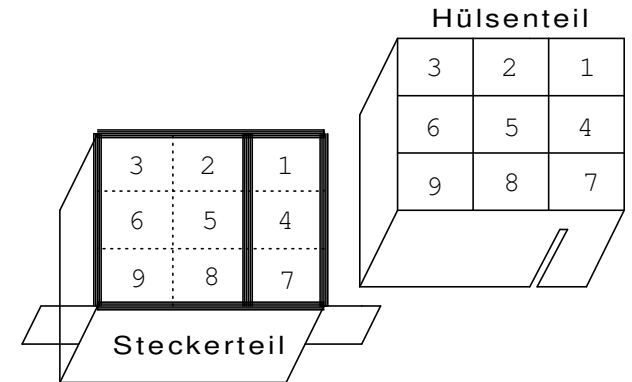
circuit diagram

KBL 4000

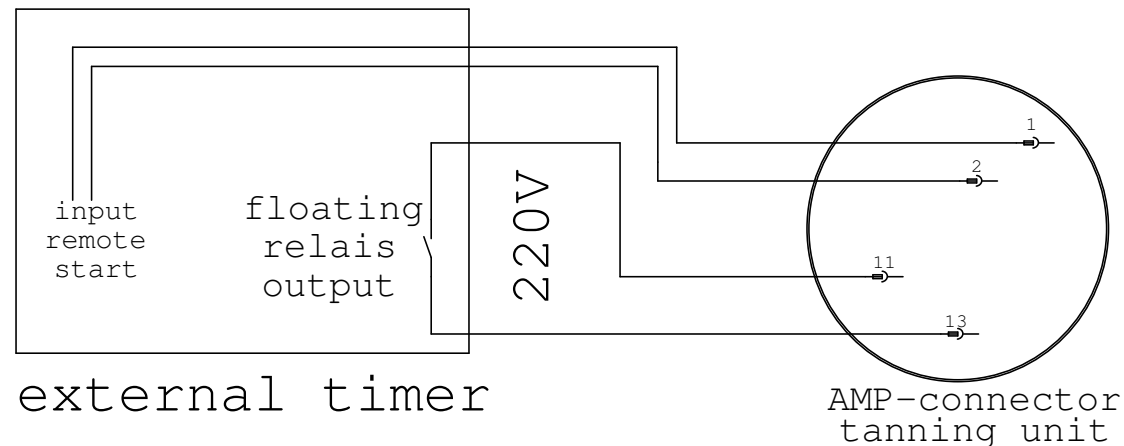
01				Datum	03.05.04	KBL-Solarien AG					Dat. : MS 4000IND_400V_USA	technical changes reserved		
				Bearb.	U.Obel									
				Gepr.										
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f	Ers.d	induktiv Usa		Vers. : ms4t/us_060201	Blatt 1 von 10 Bl.		

connectors and terminals

- X1-X9 control
- X10-13 output electrical carriage tubes to the top
- X14 output electrical carriage facial to the top
- X15-17 output electrical carriage tubes to the base
- XD1-3 connectors top
- XL1-XL3 connectors base
- X18 exhaust air fan
- X19 ventilation air fan dekolighting left hand side
- X21 deko lighting right hand side
- X22 heat return
- X23 air conditioner
- X25 ventilation fan base



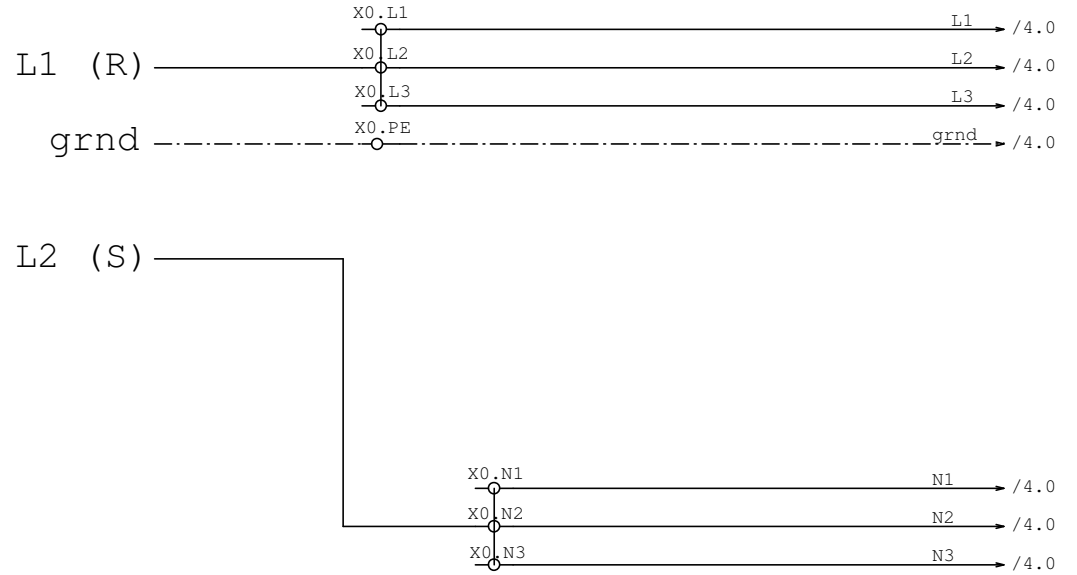
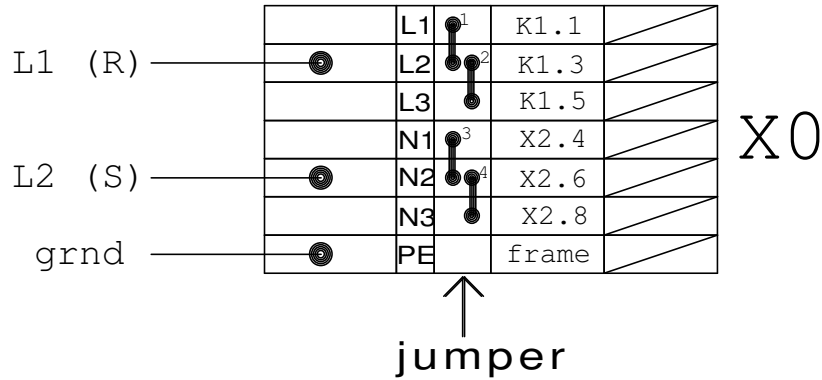
connection to external timer with an floating relais output



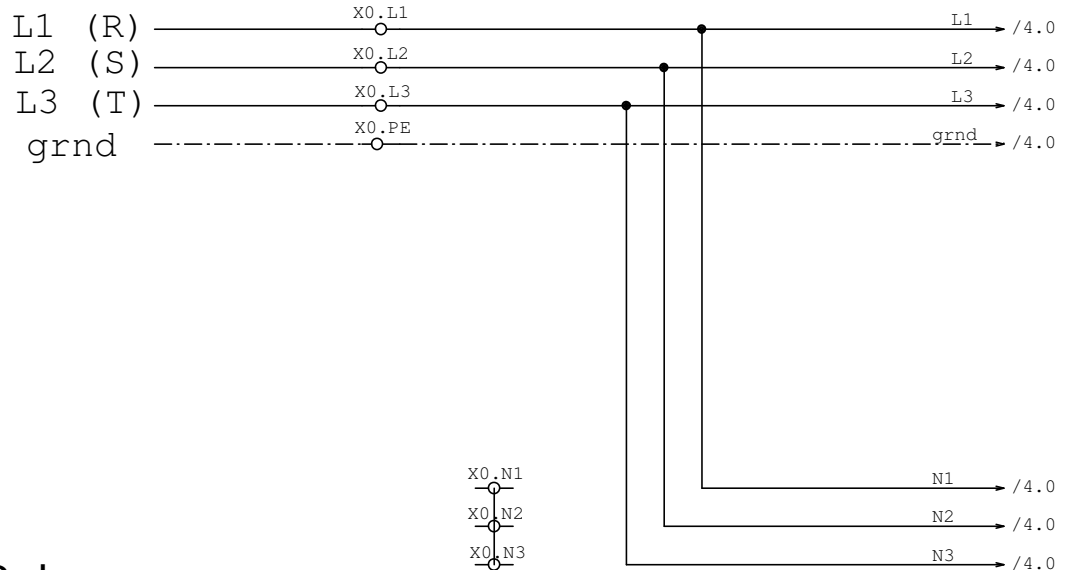
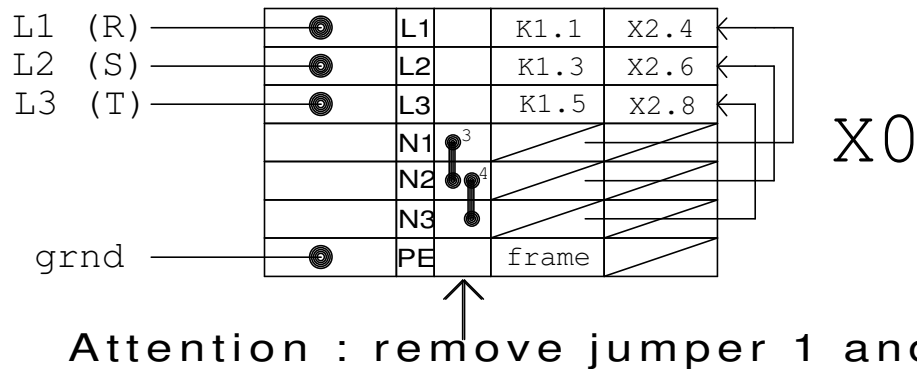
external timer

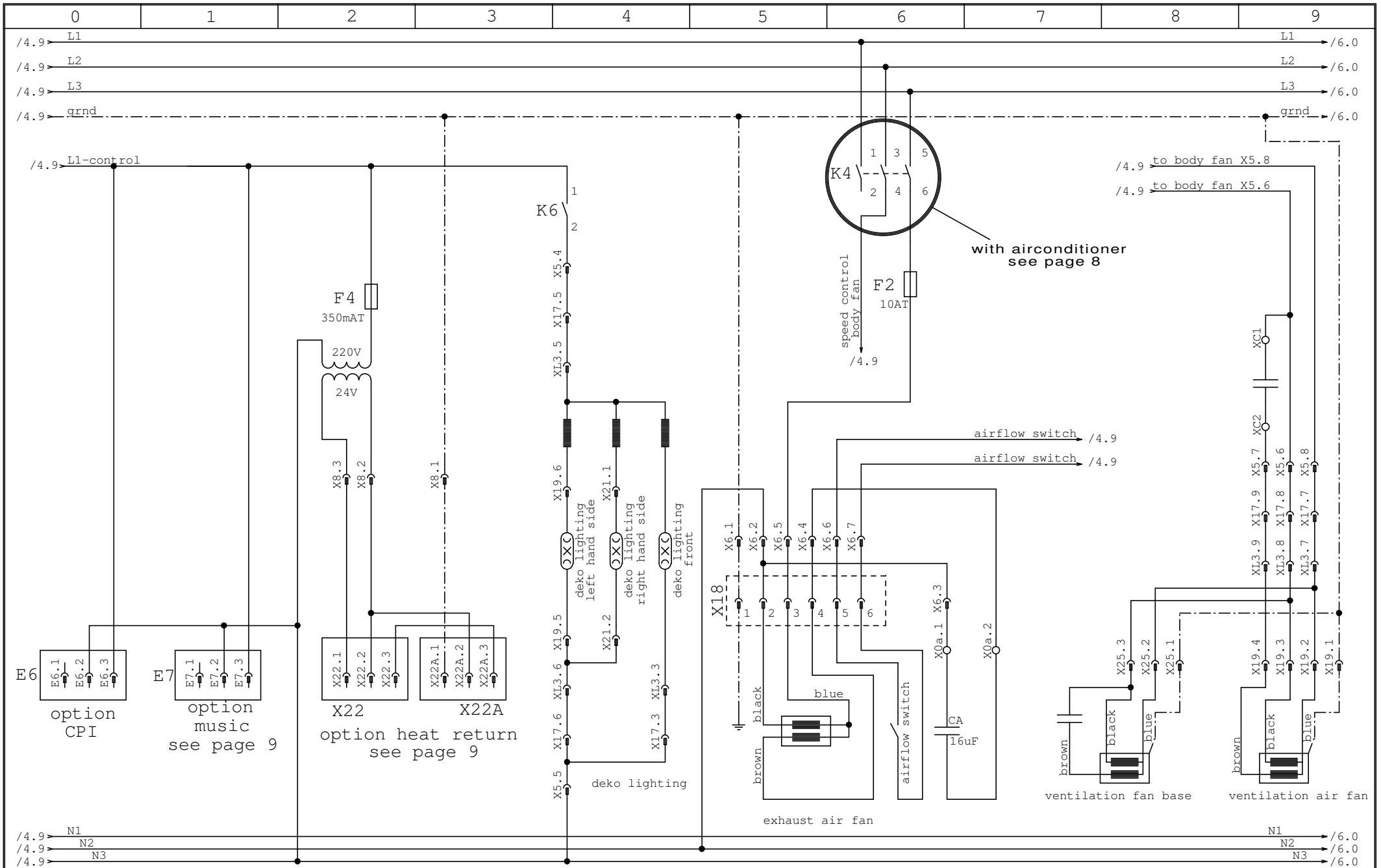
01				Datum	02.04.04	KBL-Solarien AG			Dat. : MS 4000IND_400V_USA	technical changes reserved
				Bearb.	U.Obel					
				Gep.						
Zust.	Änderung	Datum	Name	Norm	Urspr.	Ers.f	Ers.d	induktiv Usa	Vers. : ms4t/us_060201	Blatt 2 von 10 Bl.

connection of the main power supply to
2 x 220V / ~ / 60Hz



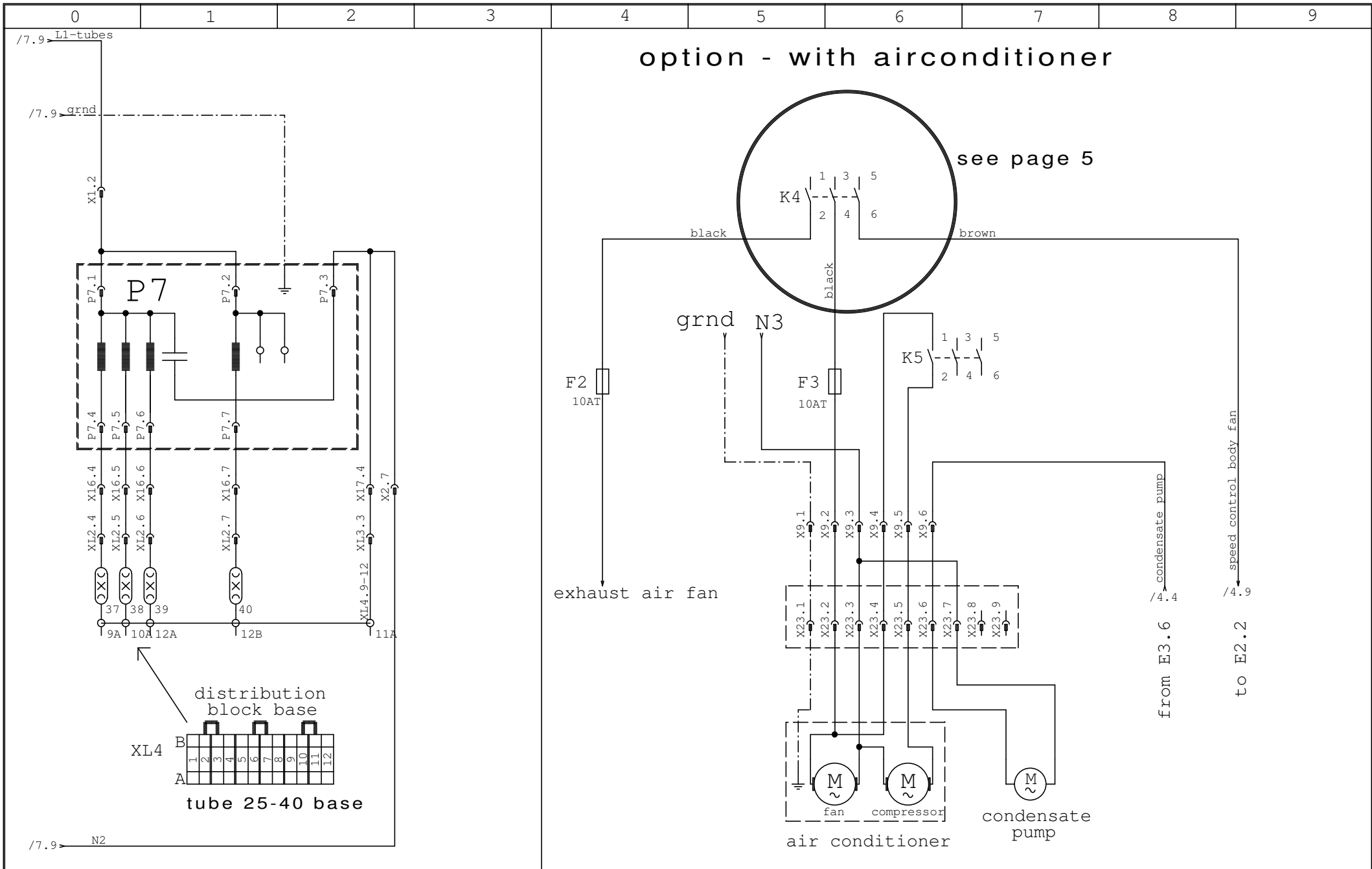
connection of the main power supply to
3 x 220V / ~ / 60Hz





01				Datum	02.04.04	KBL-Solarien AG				Dat. : MS 4000IND_400V_USA	technical changes reserved			
				Bearb.	U.Obel									
				Gepr.										
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f	Ers.d			Vers. : ms4t/us_060201	Blatt 5 von 10 Bl.		

induktiv Usa



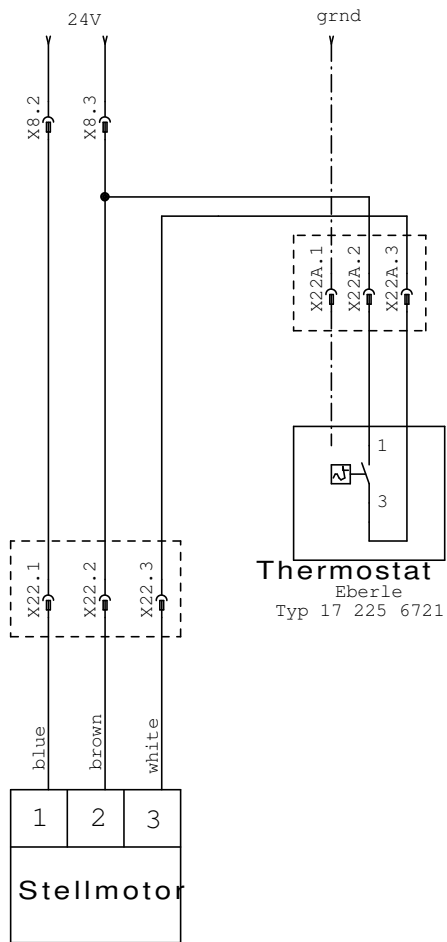
01				Datum	01.07.02
				Bearb.	U.Obel
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

KBL-Solarien AG		
Urspr.	Ers.f	Ers.d

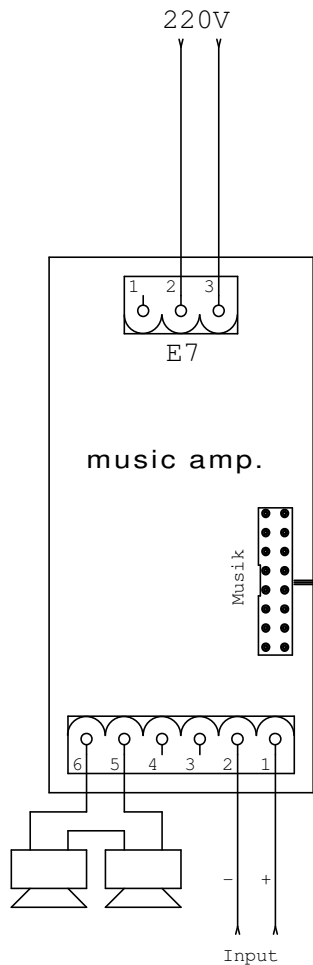
induktiv Usa

Dat. : MS 4000IND_400V_USA	technical changes reserved	
Vers. : ms4t/us_060201	Blatt 8	von 10 Bl.

option heat return
see page 5

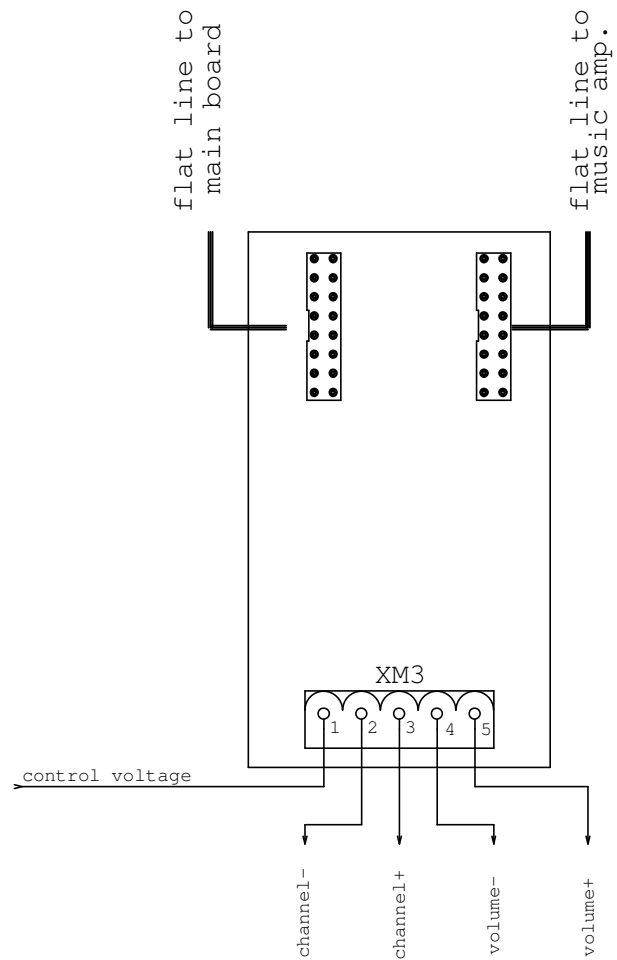


option music amplifier
see page 5



flat line to main board or channel selector

adaptor for musicsystem with channelselector



01				Datum	01.07.02
				Bearb.	U.Obel
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

KBL-Solarien AG

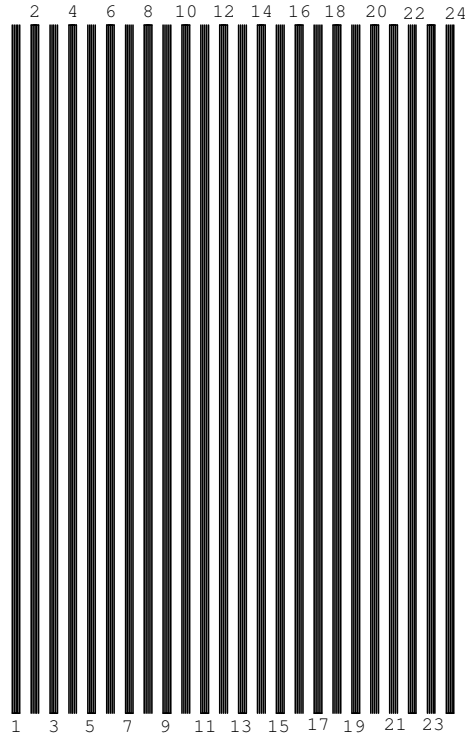
induktiv Usa

Dat. : MS 4000IND_400V_USA	technical changes reserved
Vers. : ms4t/us_060201	Blatt 9 von 10 Bl.

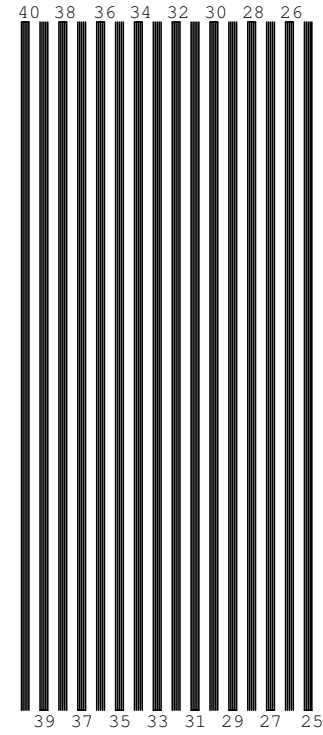
canopy view from above

base view from above

front ←



front ←



01				Datum	01.07.02	KBL-Solarien AG		induktiv Usa		Dat. : MS 4000IND_400V_USA		technical changes reserved	
				Bearb.	U.Obel					Vers. : ms4t/us_060201		Blatt 10	
Zust.	Änderung	Datum	Name	Norm	Urspr.					Ers.f	Ers.d	von 10 Bl.	