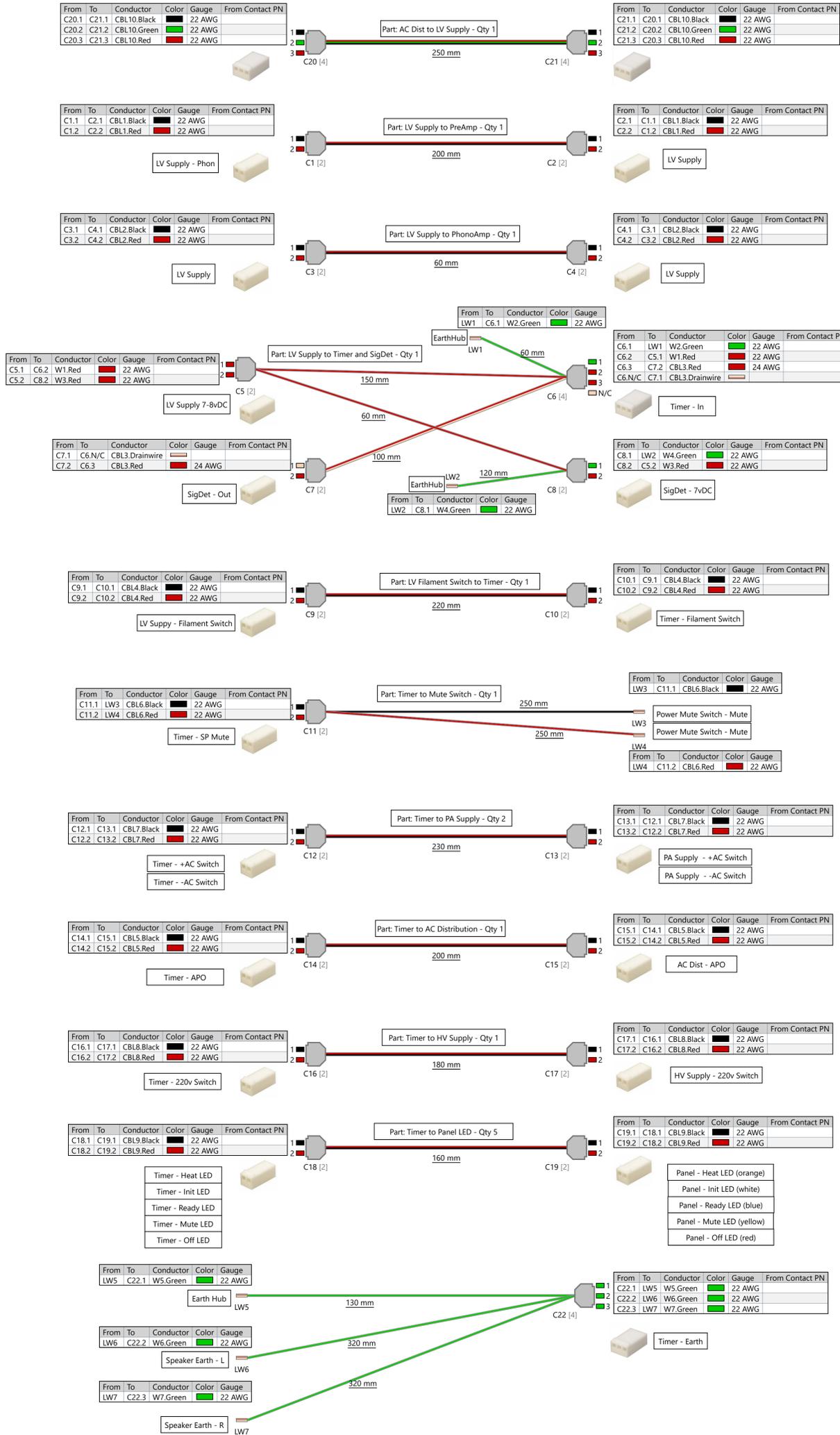


Bill of Materials				
Id	Type	Manufacturer	Part Number	Quantity
2	Connector	Molex	22-01-2027	18
3	Cable		2 Core Unscreened	1500 mm
4	Connector	Molex	22-01-2037	4
5	Cable		1 Core Screened	100 mm
6	Wire		Red Power Wire - silicone	210 mm
7	Wire		Green Earth Wire - silicon	950 mm
8	Cable		3 Core - unscreened	250 mm



<b>Title:</b>	----
<b>Part Number:</b>	Valve Control Set
<b>Description:</b>	

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
2	Connector	Molex	22-01-2027	Connector Housing Receptacle 2 Position 2.54mm Straight Bag	18	C1, C2, C3, C4, C5, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19
3	Cable		2 Core Unscreened		1500 mm	CBL1, CBL2, CBL4, CBL5, CBL6, CBL7, CBL8, CBL9
4	Connector	Molex	22-01-2037	Header Connector, cable Mount, plug, 3 Contacts, skt, 0.1 Pitch, idc Terminal	4	C6, C20, C21, C22
5	Cable		1 Core Screened		100 mm	CBL3
6	Wire		Red Power Wire - silicone		210 mm	W1, W3
7	Wire		Green Earth Wire - silicon		950 mm	W2, W4, W5, W6, W7
8	Cable		3 Core - unscreened		250 mm	CBL10

<b>Title:</b>	----
<b>Part Number:</b>	Valve Control Set
<b>Description:</b>	

From	To	Conductor	Conductor PN	Twisted With	Gauge	Length	From Contact PN	Notes
C1.1	C2.1	 CBL1.Black	2 Core Unscreened		22 AWG	200 mm		
C1.2	C2.2	 CBL1.Red	2 Core Unscreened		22 AWG	200 mm		
C3.1	C4.1	 CBL2.Black	2 Core Unscreened		22 AWG	60 mm		
C3.2	C4.2	 CBL2.Red	2 Core Unscreened		22 AWG	60 mm		
C5.1	C6.2	 W1.Red	Red Power Wire - silicone		22 AWG	150 mm		
C5.2	C8.2	 W3.Red	Red Power Wire - silicone		22 AWG	60 mm		
C6.1	LW1	 W2.Green	Green Earth Wire - silicon		22 AWG	60 mm		
C6.3	C7.2	 CBL3.Red	1 Core Screened		24 AWG	100 mm		
C7.1	C6.N/C	 CBL3.Drainwire	1 Core Screened			100 mm		
C8.1	LW2	 W4.Green	Green Earth Wire - silicon		22 AWG	120 mm		
C9.1	C10.1	 CBL4.Black	2 Core Unscreened		22 AWG	220 mm		
C9.2	C10.2	 CBL4.Red	2 Core Unscreened		22 AWG	220 mm		
C11.1	LW3	 CBL6.Black	2 Core Unscreened		22 AWG	250 mm		
C11.2	LW4	 CBL6.Red	2 Core Unscreened		22 AWG	250 mm		
C12.1	C13.1	 CBL7.Black	2 Core Unscreened		22 AWG	230 mm		
C12.2	C13.2	 CBL7.Red	2 Core Unscreened		22 AWG	230 mm		
C14.1	C15.1	 CBL5.Black	2 Core Unscreened		22 AWG	200 mm		
C14.2	C15.2	 CBL5.Red	2 Core Unscreened		22 AWG	200 mm		
C16.1	C17.1	 CBL8.Black	2 Core Unscreened		22 AWG	180 mm		
C16.2	C17.2	 CBL8.Red	2 Core Unscreened		22 AWG	180 mm		
C18.1	C19.1	 CBL9.Black	2 Core Unscreened		22 AWG	160 mm		
C18.2	C19.2	 CBL9.Red	2 Core Unscreened		22 AWG	160 mm		
C20.1	C21.1	 CBL10.Black	3 Core - unscreened		22 AWG	250 mm		
C20.2	C21.2	 CBL10.Green	3 Core - unscreened		22 AWG	250 mm		
C20.3	C21.3	 CBL10.Red	3 Core - unscreened		22 AWG	250 mm		
LW5	C22.1	 W5.Green	Green Earth Wire - silicon		22 AWG	130 mm		
LW6	C22.2	 W6.Green	Green Earth Wire - silicon		22 AWG	320 mm		
LW7	C22.3	 W7.Green	Green Earth Wire - silicon		22 AWG	320 mm		

<b>Title:</b>	----
<b>Part Number:</b>	Valve Control Set
<b>Description:</b>	

#	Type	Reference Designator	Manufacturer	Part Number	Color	Gauge	Length	Twisted With
1	Cable	CBL1		2 Core Unscreened	 White		200 mm	
2	Cable	CBL2		2 Core Unscreened	 White		60 mm	
3	Cable	CBL3		1 Core Screened	 Black		100 mm	
4	Cable	CBL4		2 Core Unscreened	 White		220 mm	
5	Cable	CBL5		2 Core Unscreened	 White		200 mm	
6	Cable	CBL6		2 Core Unscreened	 White		250 mm	
7	Cable	CBL7		2 Core Unscreened	 White		230 mm	
8	Cable	CBL8		2 Core Unscreened	 White		180 mm	
9	Cable	CBL9		2 Core Unscreened	 White		160 mm	
10	Cable	CBL10		3 Core - unscreened	 Unspecified		250 mm	
11	Wire	W1		Red Power Wire - silicone	 Red	22 AWG	150 mm	
12	Wire	W2		Green Earth Wire - silicon	 Green	22 AWG	60 mm	
13	Wire	W3		Red Power Wire - silicone	 Red	22 AWG	60 mm	
14	Wire	W4		Green Earth Wire - silicon	 Green	22 AWG	120 mm	
15	Wire	W5		Green Earth Wire - silicon	 Green	22 AWG	130 mm	
16	Wire	W6		Green Earth Wire - silicon	 Green	22 AWG	320 mm	
17	Wire	W7		Green Earth Wire - silicon	 Green	22 AWG	320 mm	