

REV.	DESCRIPTION	DATE
A	CAVI ELETTRICI COLORATI	28/10/2010
B	AGGIUNTI NOMI AI COLORI DEI CAVI	17/02/2011
C	INTERRUTTORE SINGOLO	06/12/2012
D	AGGIUNTA TABELLA INGRESSI/USCITE SCHEDE - M.S.	14/03/2016

# HLF

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DESCRIPTION  
HLF 4600 G1/G2/F - ELECTRIC DIAGRAM

DATE  
28/10/2010

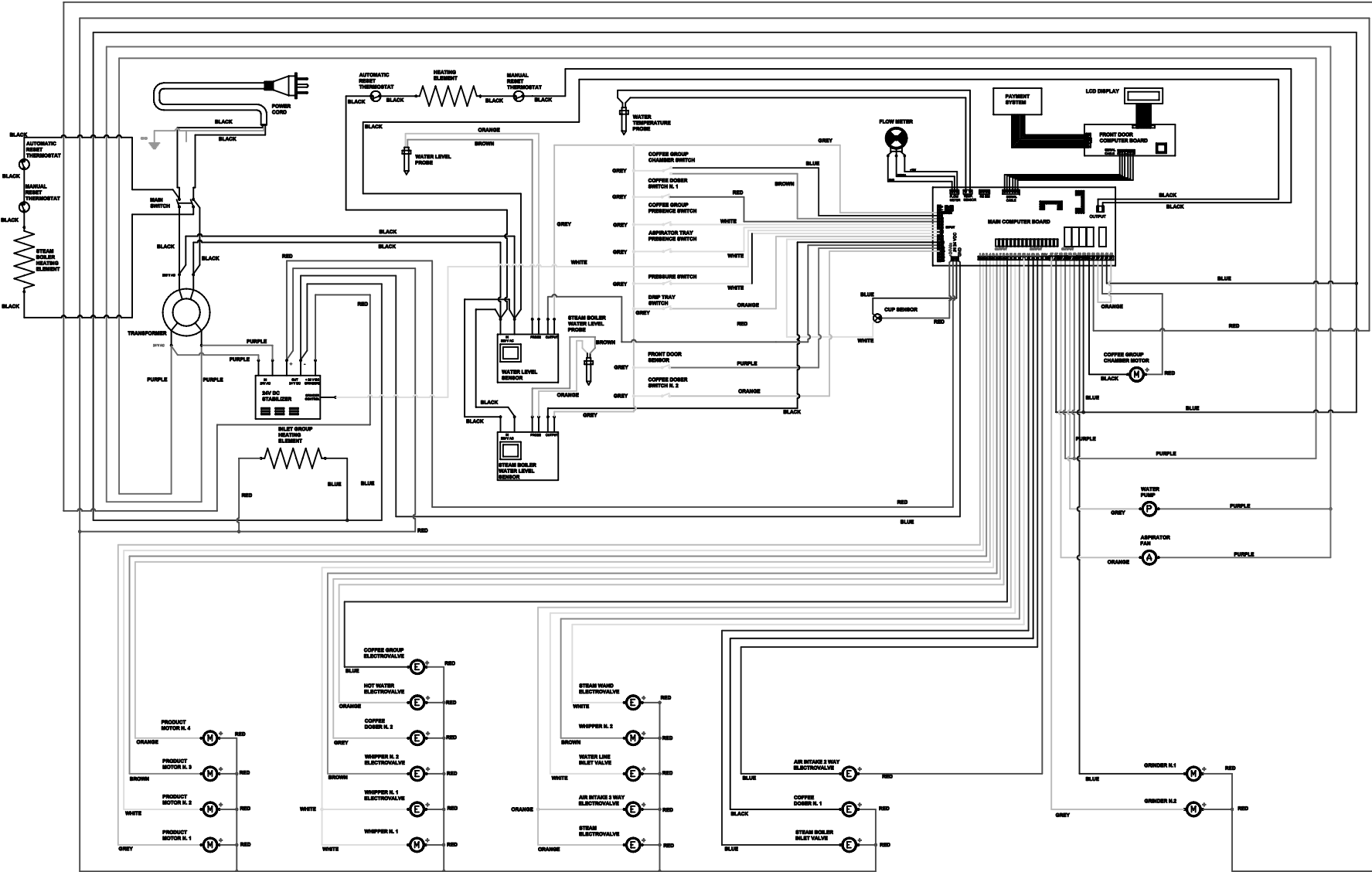
NOTE  
120V

THICK  
XXXX

SCALE  
X:X

MATERIAL  
16 AWG / 20 AWG

CODE  
ED4600 Rev.D



## HLF ITALIAN DESIGN

INPUT/OUTPUT HLF 4600 G1-G2-F BOARD HLF\_100

INPUT	DESCRIPTION	CABLE COLOR
COM	GND	GREY
IN 1	COFFEE GROUP GEARMOTOR SWITCH	BLUE
IN 2	COFFEE GROUP GEARMOTOR SWITCH	BROWN
IN 3	COFFEE DOSER 1 SWITCH	RED
IN 4	COFFEE GROUP PRESENCE SWITCH	WHITE
IN 5	ASPIRATION TRAY PRESENCE SWITCH	WHITE
IN 6	GRINDERS CONTROL FROM POWER STABILIZER	WHITE
IN 7	PRESSURE SWITCH	WHITE
IN 8	DRIP TRAY SWITCH	ORANGE
IN 9	CUP SENSOR	WHITE
IN 10	BOILER WATER LEVEL	BLACK
IN 11	AIR BREAK WATER LEVEL	RED
IN 12	DOOR SWITCH	PURPLE
IN 13	COFFEE DOSER 1 SWITCH	ORANGE
IN 14	MILK PRESENCE SWITCH	BLACK
IN 15	N/D	
IN 16	N/D	
IN 17	N/D	
IN 18	N/D	
IN 19	N/D	
IN 20	N/D	
IN 21	N/D	
IN 22	N/D	
IN 23	N/D	
IN 24	N/D	

## HLF ITALIAN DESIGN

INPUT/OUTPUT HLF 4600 G1-G2-F BOARD HLF\_100

INPUT	DESCRIPTION	CABLE COLOR
OUT 1	SOLUBLE 1 GEARMOTOR	GREY
OUT 2	SOLUBLE 2 GEARMOTOR	WHITE
OUT 3	SOLUBLE 3 GEARMOTOR	BROWN
OUT 4	SOLUBLE 4 GEARMOTOR	ORANGE
OUT 5	WHIPPER 1 SOLENOID VALVE	WHITE
OUT 6	WHIPPER 2 SOLENOID VALVE	BROWN
OUT 7	COFFEE DOSER 2	GREY
OUT 8	HOT WATER SOLENOID VALVE	ORANGE
OUT 9	COFFEE SOLENOID VALVE	BLUE
OUT 10	STEAM BOILER INLET SOLENOID VALVE	ORANGE
OUT 11	WATER INLET SOLENOID VALVE	WHITE
OUT 12	WHIPPER 2 SOLENOID VALVE	BROWN
OUT 13	STEAM WAND SOLENOID VALVE	WHITE
OUT 14	HOT WATER BOILER INLET SOLENOID VALVE	BLUE
OUT 15	COFFEE DOSER 1	BLACK
OUT 16	FROTH MILK SOLENOID VALVE	BLUE
+24 V	POSITIVE FROTH MILK SOLENOID VALVE	RED
+24 V	N/D	
OUT 17	TERMINAL 1 RELE GRINDER 2	BLUE
OUT 17	TERMINAL 2 RELE GRINDER 2 (GND)	GREY
OUT 18	TERMINAL 1 FAN	PURPLE
OUT 18	TERMINAL 2 FAN	ORANGE
OUT 19	TERMINAL 1 RELE PUMP	PURPLE
OUT 19	TERMINAL 2 RELE PUMP	GREY
OUT 20	TERMINAL 1 RELE GRINDER	BLUE
OUT 20	TERMINAL 2 RELE GRINDER (GND)	BLUE
OUT 21	COM NEGATIVE RELE MOTOR BREAK	BLACK
OUT 21	N.G. 1 RELE MOTOR BREAK (24V)	RED
OUT 21	N.C. 1 RELE MOTOR BREAK (BRIDGE)	ORANGE
OUT 21	COM POSITIVE RELE MOTOR BREAK	RED
OUT 21	N.G. 2 RELE MOTOR BREAK (GND)	BLUE
OUT 21	N.C. 2 RELE MOTOR BREAK (PONTE)	ORANGE

## HLF ITALIAN DESIGN

INPUT/OUTPUT HLF 4600 G1-G2-F BOARD HLF\_100

INPUT	DESCRIPTION	CABLE COLOR
OUT 22	DISCHARGE SOLENOID VALVE	ORANGE
OUT 23	WHIPPER 1	WHITE
OUT 24	FROSE RELE	ORANGE
OUT 25	N/D	
OUT 26	N/D	
OUT 27	N/D	
OUT 28	N/D	
OUT 29	N/D	
OUT 30	N/D	
OUT 31	N/D	
OUT 31	N/D	
OUT 31	N/D	

## HLF ITALIAN DESIGN

INPUT/OUTPUT HLF 4600 G1-G2-F BOARD CL\_01

INPUT	DESCRIPTION	CABLE COLOR
N	NEUTRAL TRANSFORMER	BLUE
F	TRANSFORMER LINE	BLACK
IN	PROBE 1 (GND)	BROWN
SEN	PROBE 2	ORANGE
-	INPUT WATER LEVEL BOARD	RED
-	COM INPUT BOARD	GREY