



# MACCHINE DA CAFFE' AUTOMATICA AUTOMATIC COFFEE MACHINES

**DE' LONGHI ECAM 23.450 EX: 3**

(INT-AU/NZ-RU-SKA-CH)

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## DATI TECNICI / TECHNICAL DATA / TECHNISCHE DATEN DONNEES TECHNIQUES / DATOS TECNICOS

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Voltaggio / Voltage / Spannung / Voltage / Voltaje **V / Hz 230 - 240 / 50 - 60**

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Max. potenza assorbita / Max. input power **W 1350**

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## SEZIONE CAFFE' / COFFEE SECTION

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Sonda termica / Temperature probe **°C 98 (Caffè / Coffee)**  
**°C 98 (Acqua calda / Hot water)**

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Fusibile termico TCO / Thermal fuseTCO **°C 192**

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Resistenza riscaldamento **W 600 + 600**

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Pompa / Pump **TYPE / W ULKA EP5 / 48**

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## SEZIONE VAPORE / STEAM SECTION

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Sonda termica / Temperature probe **°C 145 (Vapore / Steam)**

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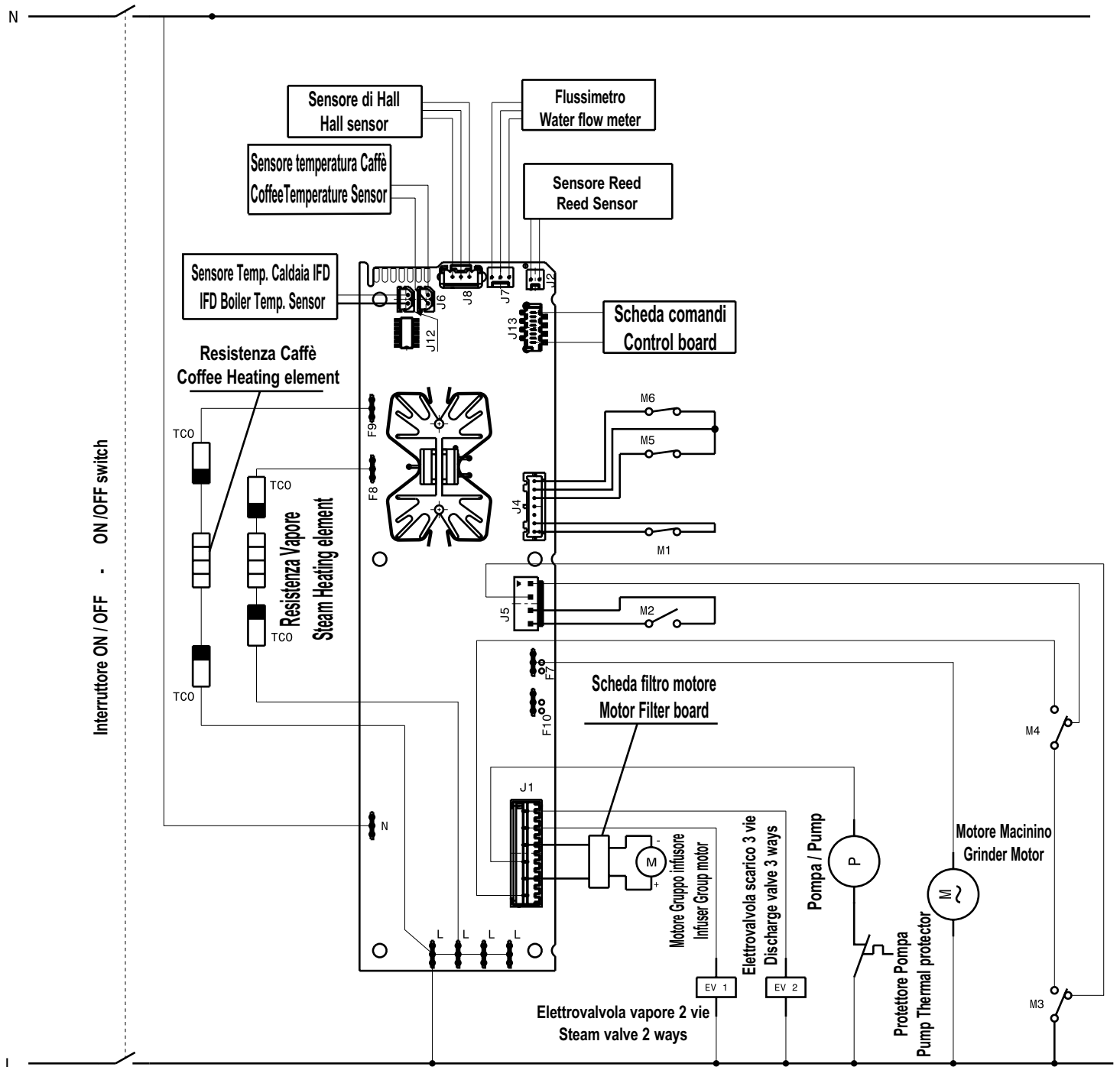
Fusibile termico TCO / Thermal fuseTCO / Thermische-Sicherung TCO **°C 318**  
Fusible thermique TCO / Fusible térmico TCO

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Resistenza riscaldamento / Heating element / Heizelement **W 1000**  
Elément chauffant / Resistencia de calefacción

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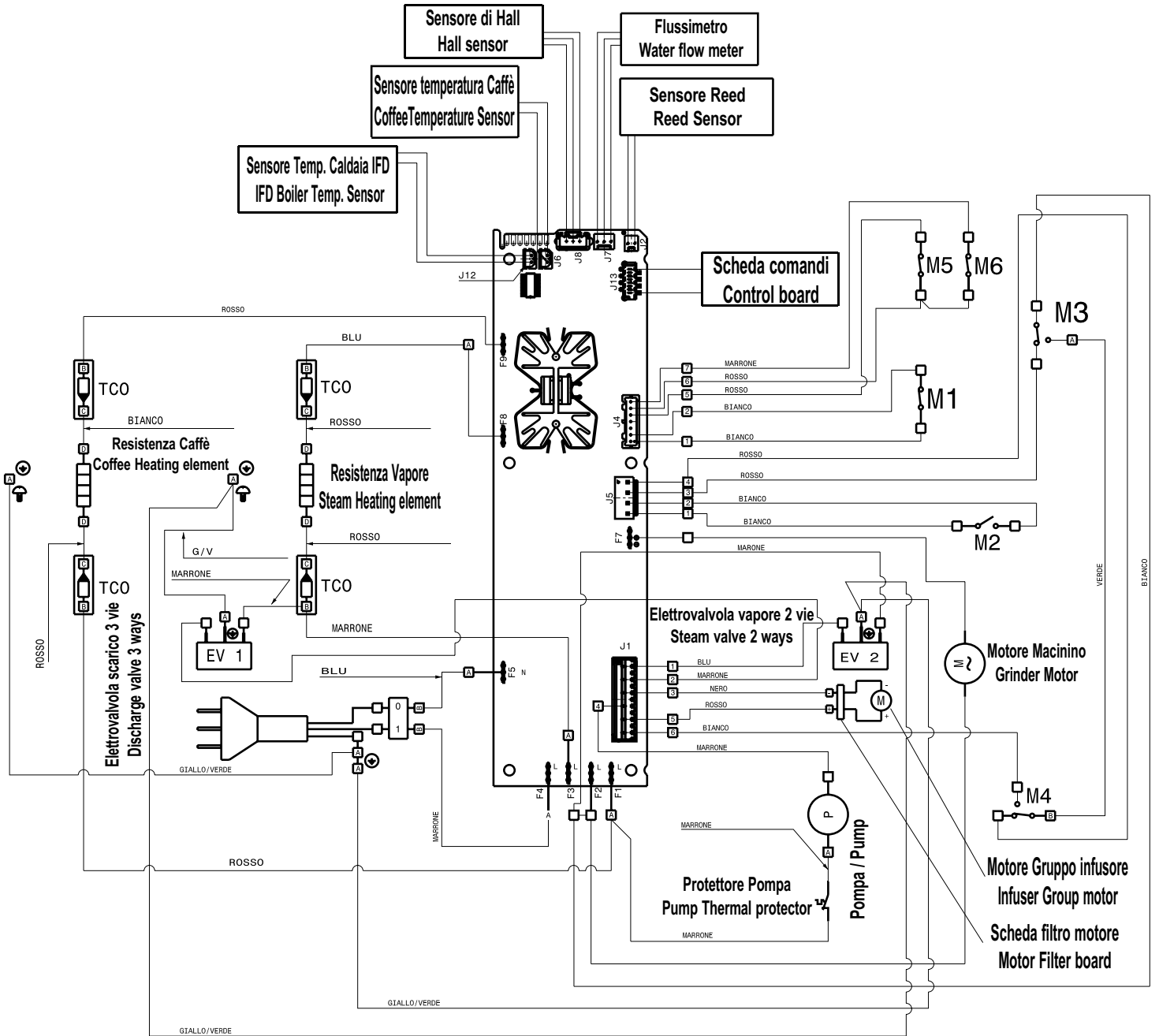
# SCHEMA ELETTRICO / ELECTRICAL DIAGRAM



## LEGENDA / LEGEND :



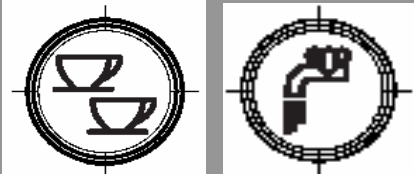

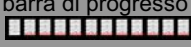
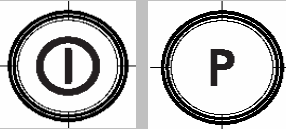
- M1 = GRUPPO ALTO - MICROSWITCH UPPER (GROUP INFISION MOTOR)
- M2 = GRUPPO BASSO - MICROSWITCH LOWER (GROUP INFISION MOTOR)
- M3 = CASSETTO FONDI - MICROSWITCH DRAWER
- M4 = PORTA ACCESSO - MICROSWITCH DOOR
- M5 = PRESENZA IFD - MICROSWITCH MILK CONTAINER
- M6 = PRESENZA PIPETTA (CLEAN) - MICROSWITCH CLEAN FUNCTION
- EV1 = ELETTROVALVOLA 2 VIE - ELECTROVALVE 2 WAIS
- EV2 = ELETTROVALVOLA 3 VIE - ELECTROVALVE 3 WAIS
- L = FASE - PHASE/LIVE
- N = NEUTRO - NEUTRAL
- TCO = TERMOFUSIBILE - THERMAL CUT OFF
- H.E. = ELEMENTO RISCALDANTE - HEATING ELEMENT

# SCHEMA ELETTRICO / ELECTRICAL DIAGRAM





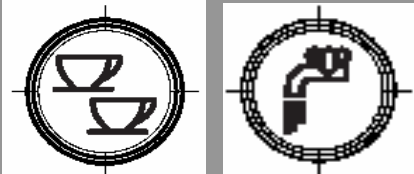


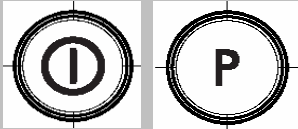
## Legenda colori /colors

Bianco / White  
 Blu / Blue  
 Giallo / Yellow  
 Grigio / Grey  
 Marrone / Brown  
 Nero / Black  
 Rosso / Red  
 Verde / Green  
 Viola / Violet

TEST	PROCEDURA	CORRISPONDENZA		NOTE
		TASTO	CARICO	
LOAD TEST MODE	<p>Con macchina spenta (interruttore generale in posizione 0) ma collegata alla rete elettrica, premere contemporaneamente i tasti sottostanti e successivamente portare l'interruttore generale in posizione I:</p>  <p>NOTA: Rilasciare i tasti quando il motore inizia la movimentazione</p>		EV1+EV2 HEATER GRINDER EV1 MOTOR UP/DOWN PUMP EV2 VAPORIZER	i microswitch emettono il segnale acustico quando attivati
TEST	PROCEDURA	TASTO	DISPLAY	NOTE
DISPLAY TEST MODE	<p>Con macchina spenta (interruttore generale in posizione 0) ma collegata alla rete elettrica, premere contemporaneamente i tasti sottostanti e successivamente portare l'interruttore generale in posizione I:</p>  <p>NOTA: Rilasciare i tasti quando appare il messaggio DISPLAY TEST MODE</p>	 <p>MANOPOLA GUSTO</p>	BUTTON 1 BUTTON 2 BUTTON 3 BUTTON 4 BUTTON 5 BUTTON 6 BUTTON 7 BUTTON 8 Incremento della barra di progresso 	L'accesso al display test mode abilita il primo innesco
ENCODER RESET MODE	 <p>NOTA: Rilasciare i tasti quando lampeggiano i LED OK e ESC</p>			Per poter concludere correttamente la procedura, accendere la macchina facendo erogare un risciacquo e successivamente eseguire lo spegnimento con l'interruttore generale.



# TEST PROCEDURE

TEST	PROCEDURE	CORRISPONDENCE		NOTE
		BUTTON	LOAD	
LOAD TEST MODE	<p>Machine OFF but plugged IN. Press and hold simultaneously the following buttons, then switch the main switch on position I:</p>  <p>NOTE: Release the buttons after the motor starts to move</p>		EV1+EV2 HEATER GRINDER EV1 MOTOR UP/DOWN PUMP EV2 VAPORIZER	
TEST	PROCEDURE	BUTTON	DISPLAY	NOTE
DISPLAY TEST MODE	<p>Machine OFF but plugged IN. Press and hold simultaneously the following buttons, then switch the main switch on position I:</p>  <p>NOTE: Release the buttons after the message "DISPLAY TEST MODE" is displayed</p>	 <p>Turn Coffee taste knob</p>	BUTTON 1 BUTTON 2 BUTTON 3 BUTTON 4 BUTTON 5 BUTTON 6 BUTTON 7 BUTTON 8 LED bar will lit 	Entering this Procedure will enable the priming of the pump
ENCODER RESET MODE	<p>Machine OFF but plugged IN. Press and hold simultaneously the following buttons, then switch the main switch on position I:</p>  <p>NOTE: Release the buttons after the LEDs "OK" and "ESC" start flashing</p>			In order to complete the procedure, switch ON the machine and perform a washing cycle. After that, switch OFF the machine by the main switch