

TECHNICAL DATA

| | <u>GL1</u> | <u>GL2</u> | <u>GL3</u> |
|---------------------------------|------------|------------|------------|
| Width | 23.6" | 23.6" | 23.6" |
| Overall Depth (Excluding Hoses) | 22.0" | 22.0" | 22.0" |
| Height (with feet) | 33.5" | 33.5" | 33.5" |
| Weight | 176.3lbs | 178.5lbs | 178.5lbs |
| Water Fill | Cold | Hot & Cold | Cold |
| Spinning speed | 380. RPM | 520. RPM | 520. RPM |
| Heater Rating | 2700W | 2700W | 2700W |
| Motor Rating during washing | 0.09HP | 0.07HP | 0.07 HP |
| Motor Rating during spinning | 0.12 HP | 0.16 HP | 0.16 HP |
| Water Load - Normal Level | 3.3 galls | 3.3 galls | 3. 3 galls |
| Water Load - High Level | - | 4.4 galls | - |
| Minimum Cold Water Pressure | 7 p.s.i | 7 p.s.i | 7 p.s.i |
| Maximum Cold Water Pressure | 110 p.s.i | 110 p.s.i | 110 p.s.i |
| Minimum Hot Water Pressure | - | 4 p.s.i | - |
| Maximum Hot Water Pressure | - | 10 p.s.i * | - |
| Supply Voltage (all appliances) | 220-240V | | |
| Appliance Specification | CO460 | CO486 | CO466 |

* See Instruction Booklet.

TECHNICAL FEATURES

DRUM MOTOR

Two Speed, Single Phase Induction

Motor with permanently inserted Capacitor

| | <u>GL1</u> | <u>GL2</u> | <u>GL3</u> |
|------------------|-------------|-------------|-------------|
| Duty | Continuous | Continuous | Continuous |
| Insulation Class | E | F | F |
| Capacitor | (VL450)14MF | (VL500)16MF | (VL500)16MF |

(a) 2 Pole Operation (High Speed)

| | | | |
|--------------------------|--------------|--------------|--------------|
| Power | 0.12HP | 0.16HP | 0.16HP |
| R.P.M. | 2900 | 2900 | 2900 |
| Full Load Current | 3.5 Amps | 2.8 Amps | 2.8 Amps |
| Run Winding Resistance | 10 - 13 Ohms | 9 - 10 Ohms | 9 - 10 Ohms |
| Start Winding Resistance | 24 - 27 Ohms | 25 - 28 Ohms | 25 - 28 Ohms |

(b) (12 Pole-GL1)(16 Pole-GL2/3) operation - slow speed

| | | | |
|--|------------|------------|------------|
| Power | 0.09 HP | 0.07 HP | 0.07 HP |
| R.P.M. | 415 | 330 | 330 |
| Full Load Current | 1.3 Amps | 1.5 Amps | 1.5 Amps |
| Clockwise / Anticlockwise Run Winding resistance | 55-60 Ohms | 50-65 Ohms | 50-65 Ohms |

DRAIN PUMP

| | | | |
|--------------------|---------------|---------------|---------------|
| Maximum Head | 1m | 1m | 1m |
| Maximum Flow | 5.5gals.p.min | 5.5gals.p.min | 5.5gals.p.min |
| Motor Power | 80W | 80W | 80W |
| Winding Resistance | 20 Ohms | 20 Ohms | 20 Ohms |

DOOR SWITCH

| | | | |
|----------------|----------|----------|----------|
| Switch Contact | 240v.15A | 240v.15A | 240v.15A |
|----------------|----------|----------|----------|

ELECTRIC VALVES

(a) Cold Fill Valve with Flow Regulator

| | | | |
|------------------------|---------------------|---------------------|---------------------|
| Maximum Water Pressure | 110 p.s.i | 110 p.s.i. | 110 p.s.i |
| Minimum Water Pressure | 7 p.s.i | 7 p.s.i. | 7 p.s.i. |
| Maximum Water Flow | 2.4gals.p.min | 2.4gals.p.min | 2.4gals.p.min |
| Entry Thread | $\frac{3}{4}$ " gas | $\frac{3}{4}$ " gas | $\frac{3}{4}$ " gas |
| Electric Resistance | 4000 Ohms | 4000 Ohms | 4000 Ohms |

(b) Hot Fill Valves without Flow Regulator

| | | | |
|------------------------|---|---------------------|---|
| Maximum Water Pressure | - | 10 p.s.i | - |
| Minimum Water Pressure | - | 4 p.s.i | - |
| Maximum Water Flow | | 1.2gals.p.min | |
| Entry Thread | | $\frac{3}{4}$ " gas | |
| Electric Resistance | | 4000 Ohms | |

TECHNICAL FEATURES

| | <u>GL1</u> | <u>GL2</u> | <u>GL3</u> |
|--|------------|---------------------|------------|
| <u>HEATER</u> | | | |
| One Element Type | | | |
| Power (at 240V) | 2700W | 2700W | 2700W |
| Resistance | 180 Ohms | 180 Ohms | 180 Ohms |
| <u>PRESSURE SWITCH</u> | | | |
| <u>(a) Single level type</u> | | | |
| Contact Ratings 11 - 12 | 240V | - | 240V .10A |
| 11 - 13 | 240V .15A | - | 240V .15A |
| <u>(b) Two Level type</u> | | | |
| Contact Ratings 11-12 21-22 | - | 240V .10A | - |
| 11-13 21-23 | - | 240V .15A | - |
| ----- | | | |
| <u>TIMER - GL1 and GL3</u> | | | |
| 60 Position cam timer driven by a synchronous electric motor | | | |
| Motor Power | ..... | 3W | |
| Maximum switching capacity | ..... | 240V .15A | |
| Stepping times | ..... | 2' - 30", 5' | |
| Identification mark | ..... | C114/O | |
| Drum Inversion times, Energetic | ..... | 15"/10" | |
| Delicate | ..... | 8"/20" | |
| <u>TIMER - GL2</u> | | | |
| Maximum switching capacity | ..... | 240V .15A | |
| Stepping times | ..... | 1' - 2' | |
| Cams interlocking relay | ..... | 6800 Ohms | |
| Identification mark | ..... | C127/O | |
| Drum Inversion times - | | | |
| Energetic | ..... | 16"/14" | |
| Delicate | ..... | 8"/22" | |
| <u>THERMOSTAT GL1 - GL3</u> | | | |
| <u>Starting thermostat</u> | | | |
| Contact Rating | ..... | 240V .15A | |
| Contact closing temperature | ..... | 40°C ± 3°C | |
| Identification colour | ..... | Orange - Orange | |
| <u>Security Thermostat</u> | | | |
| Contact Rating | ..... | 240V .15A | |
| Contact opening temperature | ..... | 90°C ± 3°C | |
| Identification Colour | ..... | Grey - Grey | |
| <u>THERMOSTATS - GL2</u> | | | |
| <u>(a) Stop Thermostat</u> | | | |
| Contact Rating | ..... | 240V .15A | |
| Contact Opening temperature | ..... | 38°C ± 3°C | |
| Identification Colour | ..... | Orange - Light Blue | |
| <u>(b) 2 Stop Thermostat</u> | | | |
| Contact Ratings | ..... | 240V .15A | |
| Contact Opening temperature | ..... | 60°C ± 3°C | |
| (1st step) | | | |
| Identification Colour | ..... | Pink | |
| Contact Opening temperature | ..... | 88°C ± 3°C | |
| (2nd step) | ..... |  |  |
| Identification Colour | ..... | Blue | |

HOW THE GL1 AND GL3 WASHING MACHINE WORKS

Water filling

The fill valve is energised through contacts 11 - 12 (empty position) of the pressure switch and through cam 3 (filling for prewash and mainwash) or cam 4 (filling for rinses). When the correct level is reached the pressure takes the "full" position, (contacts 11 - 13) and the filling stops.

When the water valve is energised, the majority of the water flows directly into the tub, but a small amount is directed into one of the three compartments of the dispenser, by means of a nozzle.

The position of the nozzle is determined by a cam located on, and driven by, the timer shaft.

The dispenser is provided with three compartments, (a) for the prewash, (b) for the main wash, (c) for the special additives.

The special additives section (c) is provided with a small syphon which operates when the water fills the compartment. In this way additive is diluted before entering the tub.

Washing

During the wash the drum revolves with two different tumbling times, as follows:

Energetic: - 15" clockwise action
 - 10" pause
 - 15" anticlockwise action

Delicate: - 10" clockwise action
 - 20" pause
 - 10" anticlockwise action

The times are determined by two fast cams (11) and (12). When cam (11) is directly energised the drum revolves with energetic action: when cam (11) is in series with cam (12) the working time is determined by cam (12) whilst the direction of the movement is determined by cam (11), giving delicate action.

On the GL3 model there is an added push-button, which when pressed will override cam (12) and give only energetic wash action. This is designed to give vigorous washing on heavily soiled delicate fabrics.

Heating

Heating is performed by a 2700W heater in series with a safety thermostat, which will cut out the heater, when a temperature of 90°C is reached.

The heating up to 40°C is carried out without tumbling action, as the timer is not energised. The timer is connected in series with a normally open thermostat, which closes at 40°C. At this temperature the timer is energised and the tumbling action takes place.

The timer will cut-out the heater when the temperatures of the various cycles are reached.

Cooling and Extra Filling

At the end of the mainwash of the energetic cycles a gradual cooling is carried out by loading more water into the tub. This is carried out by energising the fill valve through cam (8) in series with the fast cam (12).

This arrangement is also used to give high water levels on the main wash of the delicate cycles and on both prewashes and all rinsing cycles.


Draining

The drain pump is energised through cam (8) in series with cam (12). Also cam (10) closes to maintain a feed to the timer and drain pump after the pressure switch has taken the "empty" position.

Spinning

The spinning is performed only when the pressure switch is on the "empty" position and when cam (3) is closed to the spin position. There is a short spin of 2'M - 30 sec after the second rinse and a long spin of 5 min after the last rinse of the energetic cycles. There are no spinning operations on the delicate cycles.

No-Drain Feature

This condition exists at the final rinse of the delicate cycles where the fabrics are left suspended in water. The machine will not drain until the timer has been advanced manually to the  position.

GL1 - Washing Cycles (Cotton and Linen)

(1) Whites heavy soil - Bio Prewash

Prewash - Fills to high water level, and heat to approximately 50°C
Mainwash - Fills to normal water level and heat to approximately 90°C with vigorous tumbling, with cooling at end of mainwash 5 rinses in cold water high levels followed by 5 minute spin after final rinse

(2) Whites

Mainwash - Fills to normal water level and heat to approximately 90°C with vigorous tumbling with cooling at the end of the mainwash. 5 rinses in cold water at high water level followed by a 5 minute spin after the final rinse.

(3) Fast Coloureds

Mainwash - Fills to normal water level and heat to approximately 60°C with vigorous tumbling with cooling at the end of the mainwash. 5 rinses in cold water at high water level followed by a 5 minute spin after the final rinse.

(4) Non- Fast Coloureds

Mainwash - Fills to normal level and heat to approximately 40°C with vigorous tumbling with cooling at the end of the mainwash. 5 rinses in cold water at high water level followed by a 5 minute spin after the final rinse.

(5) Rinses

5 rinses in cold water at high water level followed by a 5 minute spin after the final rinse.

(6) Spinning

Spinning for 5 minutes with water draining.

It is important to place timer index line exactly on No.6. position.

Delicate Cycles.

(7) White Nylon - Heavy Soil

Prewash - Fills to high water level and heat to approximately 40°C.
Mainwash - Fills to high water level and heat to approximately 60°C with gentle tumbling. 3 rinses in cold water followed by no draining on the third rinse.

(8) Delicates

Mainwash - Fills to high water level and heat to approximately 40°C with gentle tumbling. 3 rinses in cold water followed by no draining on the third rinse.


(9) Woollens

Very short wash at high water level and heat to approximately 40°C with gentle tumbling. 3 rinses in cold water followed by no draining on the third rinse.

(10) Rinses

3 rinses in cold water followed by no draining on the third rinse.

No Draining

To empty the machine in the no-drain position, the timer must be advanced manually to the  position.

(1) GL3 - Washing Cycles (Cotton and Linen)

Whites heavy soil - Bio Prewash

Long Prewash at high water level and heat to approximately 50°C
Mainwash - Fills to normal water level and heat to approximately 90°C with vigorous tumbling, with cooling at end of mainwash 5 rinses in cold water at high water level followed by a 5 minute spin after the final rinse.

(2) Whites Heavy Soil

Short Prewash at high water level, and heat to approximately 50°C
Mainwash - Fills to normal water level and heat to approximately 90°C with vigorous tumbling, with cooling at end of mainwash 5 rinses in cold water at high water level followed by a 5 minute spin after final rinse.

(3) Whites

Mainwash - Fills to normal water level and heat to approximately 90°C with vigorous tumbling with cooling at the end of the mainwash. 5 rinses in cold water at high water level followed by a 5 minute spin after the final rinse.

(4) Fast Coloureds

Mainwash - Fills to normal water level and heat to approximately 60°C with vigorous tumbling with cooling at the end of the mainwash. 5 rinses in cold water at high water level followed by a 5 minute spin after the final rinse.

(5) Non-Fast Coloureds

Mainwash - Fills to normal water level and heat to approximately 40°C with vigorous tumbling with cooling at the end of the mainwash. 5 rinses in cold water at high level followed by a 5 minute spin after the final rinse.

(6) Rinses

5 rinses in cold water at high water level followed by a 5 minute spin after the final rinse.

(7) Special Treatments

2 rinses in cold water at high water level followed by a 5 minute spin after the final rinse.

(8) Spinning

Spinning for 5 minutes with water draining.
It is important to place timer index line exactly on No. 8 position.

(9) Delicate Cycles

White Nylon - Heavy Soil

Prewash - Fills to high water level and heat to approximately 40°C
Mainwash - Fills to high water level and heat to approximately 60°C with gentle tumbling. 3 rinses in cold water followed by no draining on the third rinse.

(10) Delicates

Mainwash - Fills to high water level and heat to approximately 40°C with gentle tumbling. 3 rinses in cold water followed by no draining on the third rinse.


(11) Woollens

Very short wash at high water level and heat to approximately 40°C with gentle tumbling, 3 rinses in cold water followed by no draining on the third rinse.

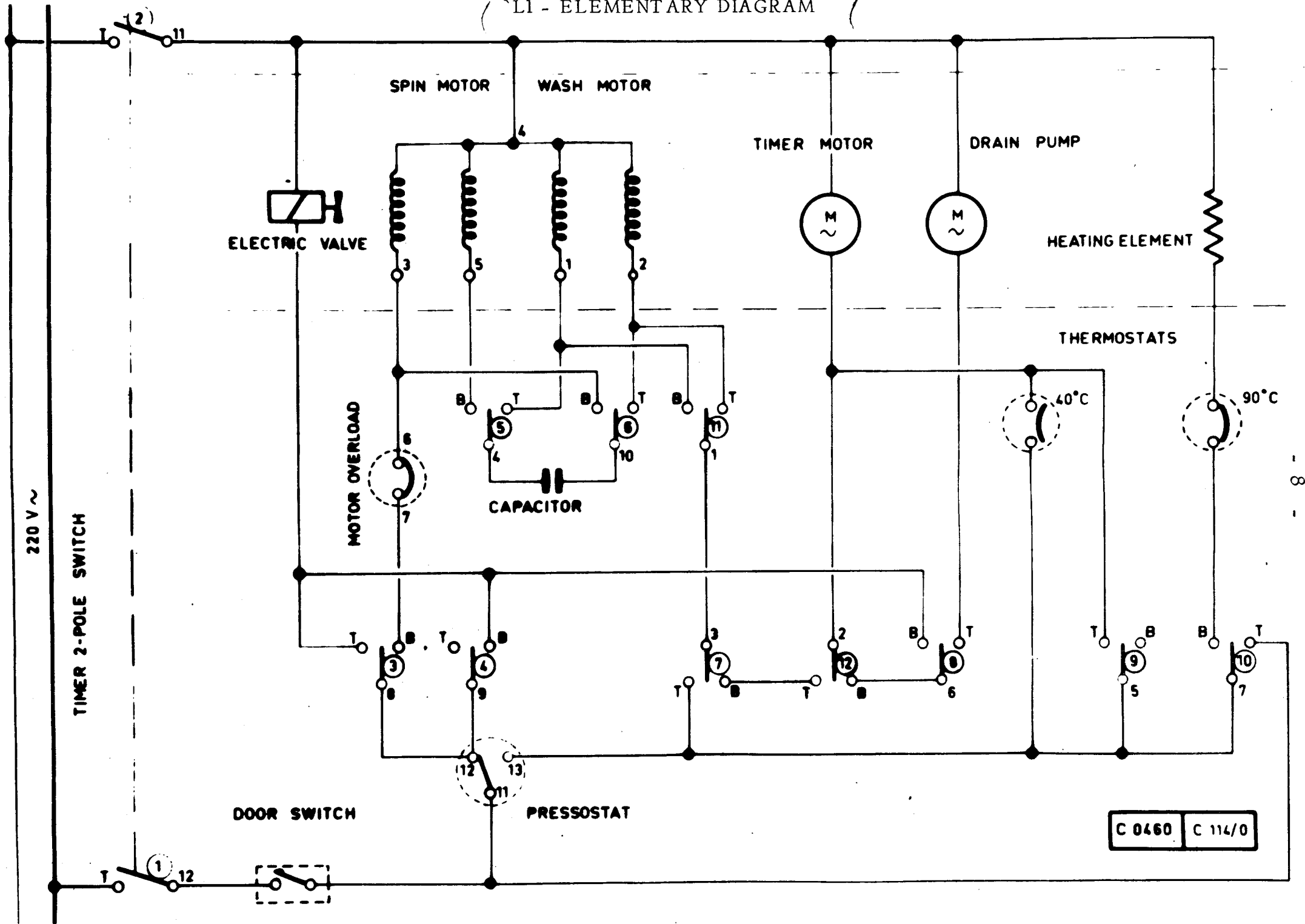
(12) Rinses

3 rinses in cold water followed by no draining on the third rinse.

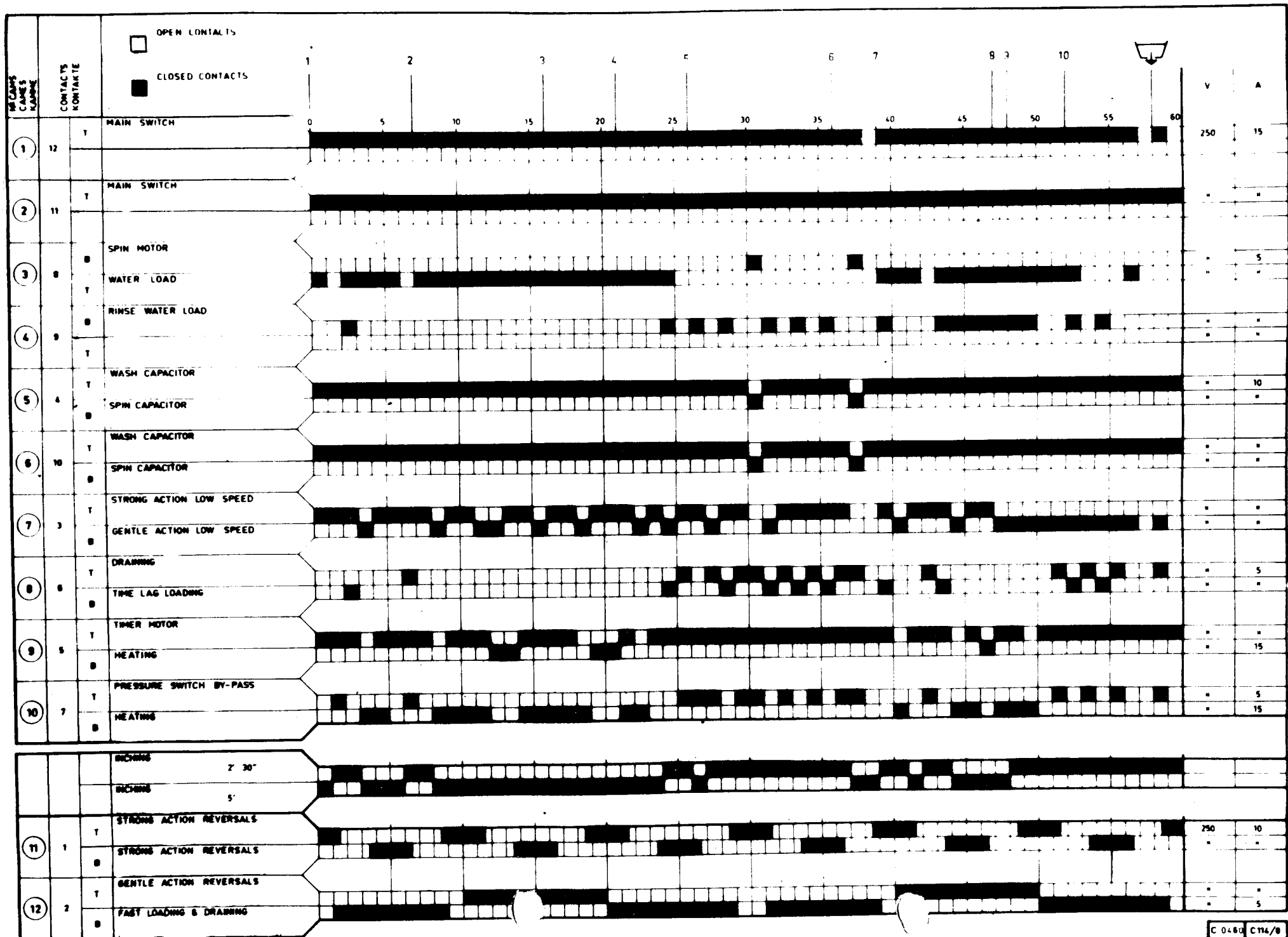
No Draining

To empty the machine in the no-drain position, the timer must be advanced manually to the  position.

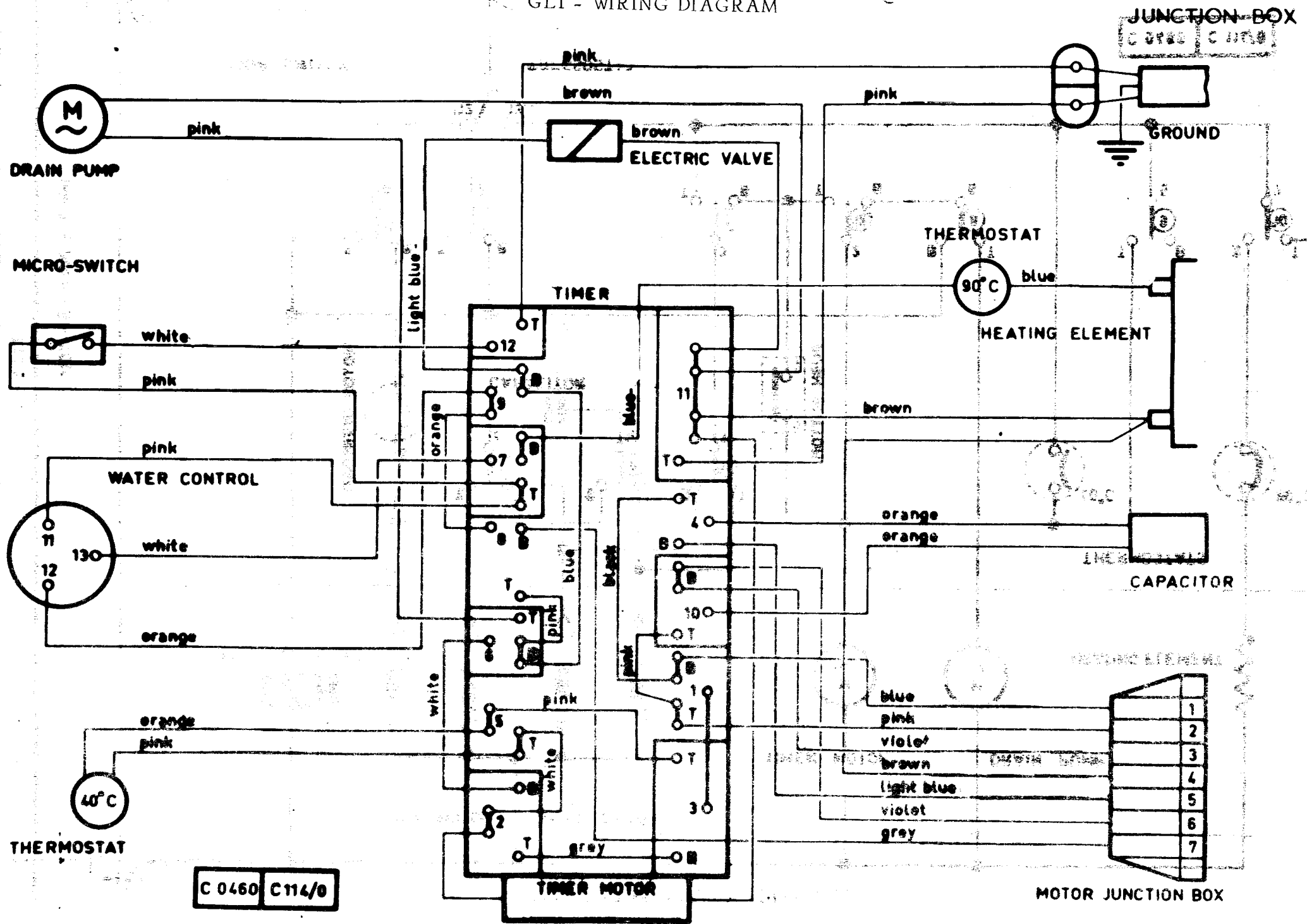
L1 - ELEMENTARY DIAGRAM



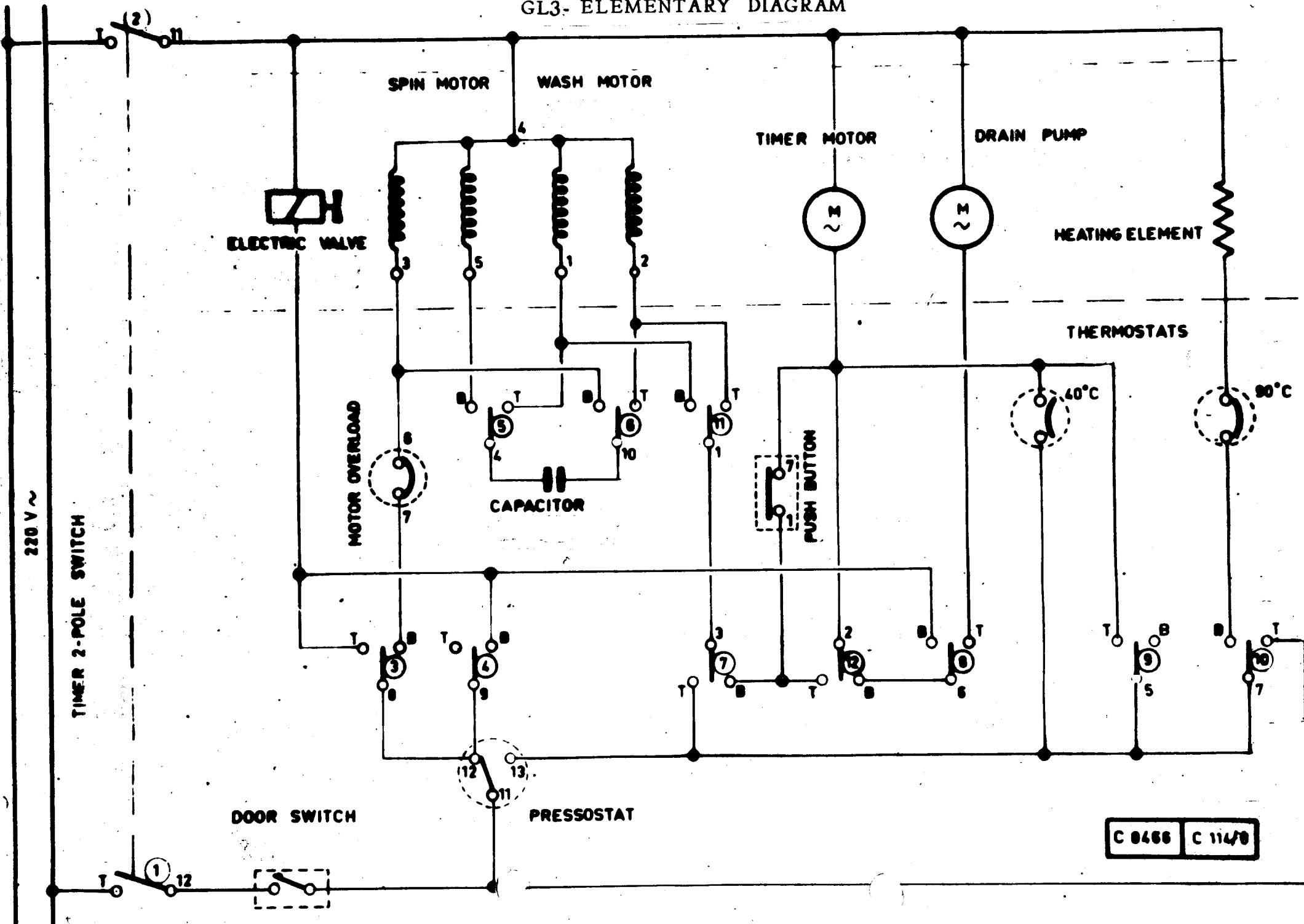
GL1 - SEQUENCE CHART



GL1 - WIRING DIAGRAM

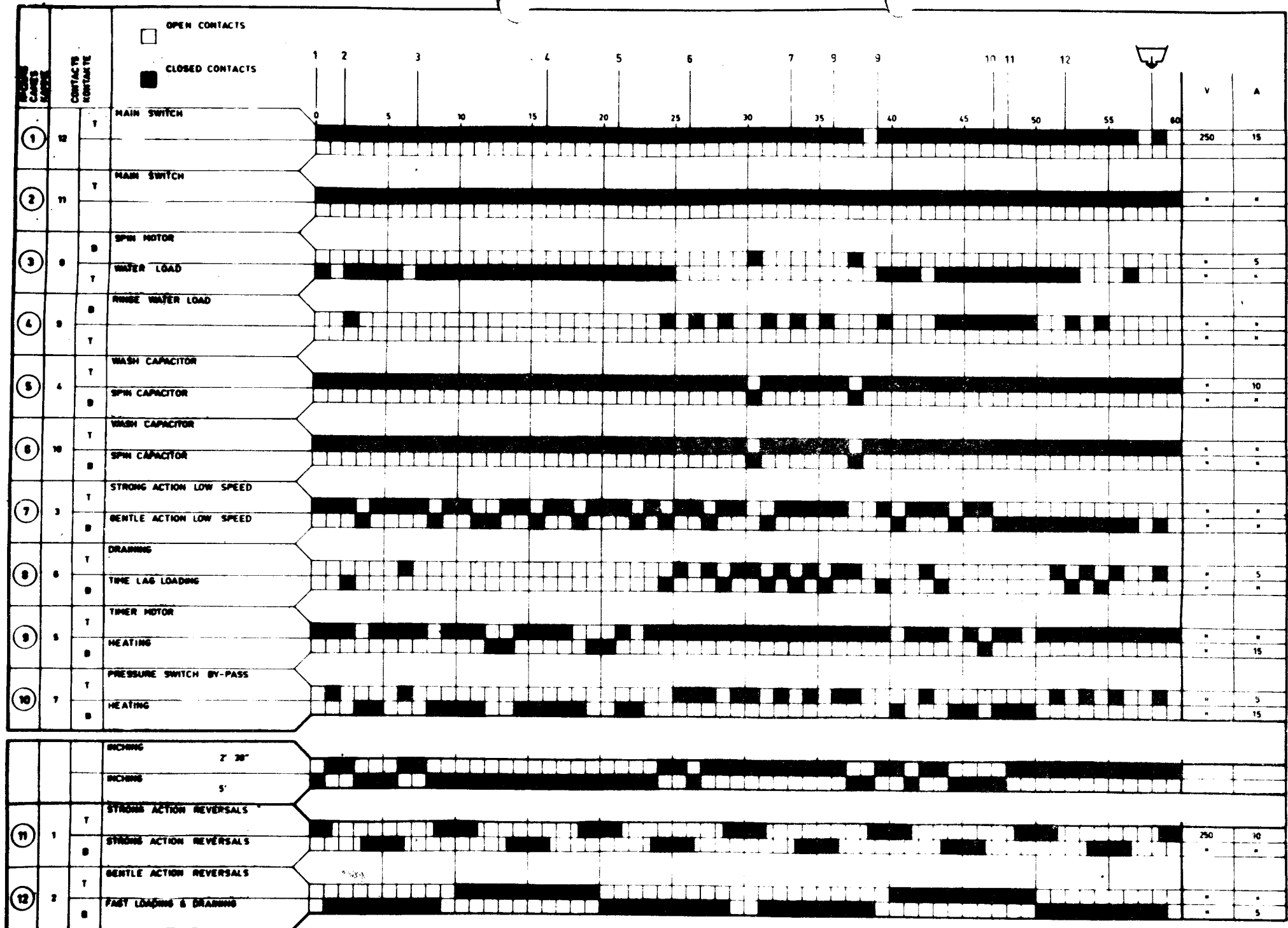


GL3- ELEMENTARY DIAGRAM



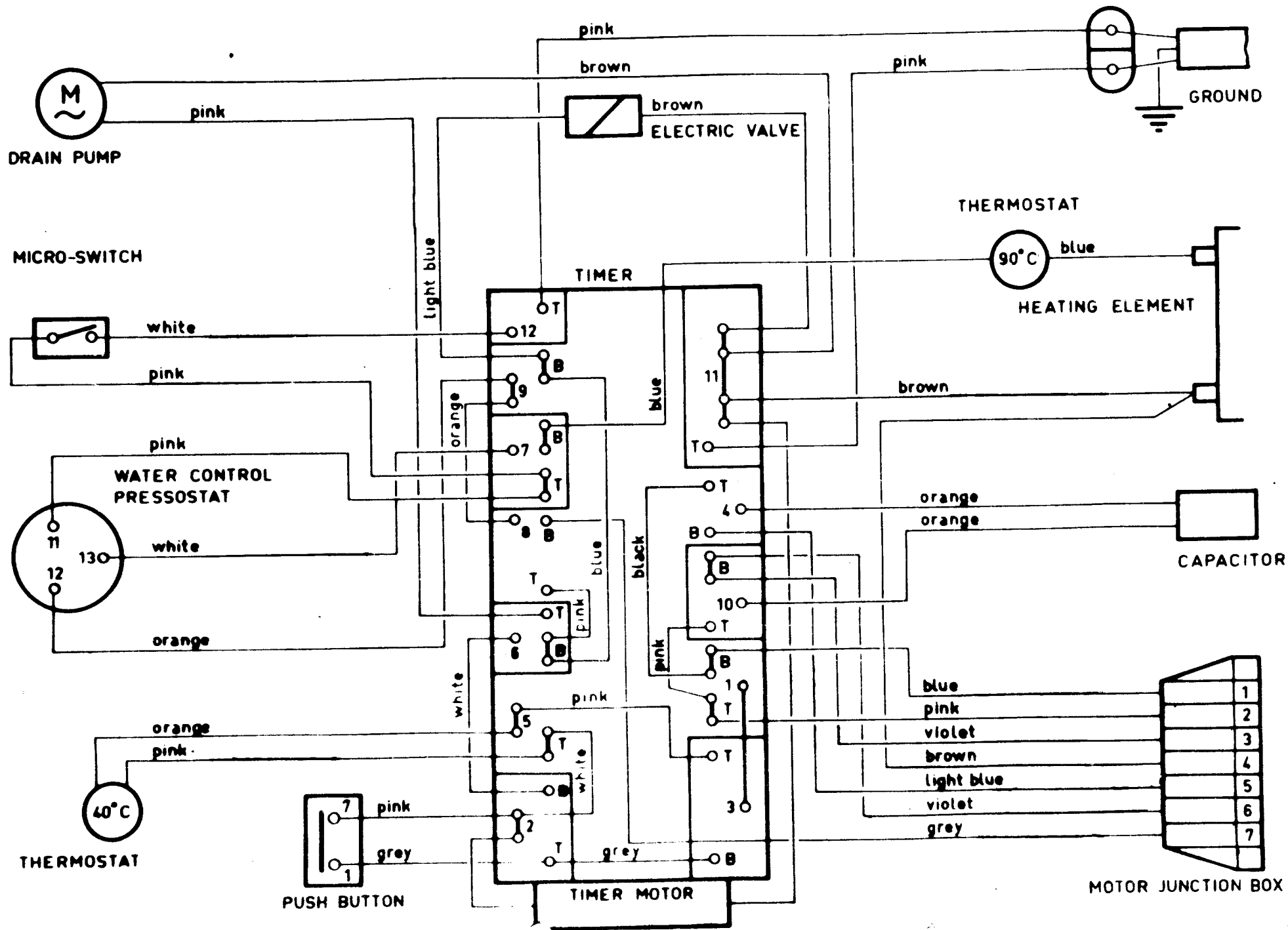
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GL3 - SEQUENCE CHART



GL3- WIRING DIAGRAM

JUNCTION BOX



(6) Rinses

5 rinses in cold water at high water level with a 5 minute spin after the final rinse.

(7) Special Treatments

2 rinses in cold water at high water level with a 5 minute spin after the final rinse.

(8) Spinning

Spinning for 5 minutes with water draining.

(9) Delicate Cycles

White Nylon - heavy soil

Prewash - Fills to high water level and heats to 40° centigrade.
Mainwash - Fills to high water level and heats to 60° centigrade with gentle tumbling action followed by 4 rinses and no draining at the final rinse.

(10) White Nylon

Mainwash - Fills to high water level and heats to 60° centigrade with gentle tumbling followed by 4 rinses and no draining at the final rinse.

(11) Minimum Iron

Mainwash - Fills to high water level and heats to approximately 48° centigrade with gentle tumbling action followed by 4 rinses and no draining at the final rinse.


(12) Delicates

Mainwash - Fills to high water level and heat to 40° centigrade with gentle tumbling followed by 4 rinses and no draining at the final rinse.

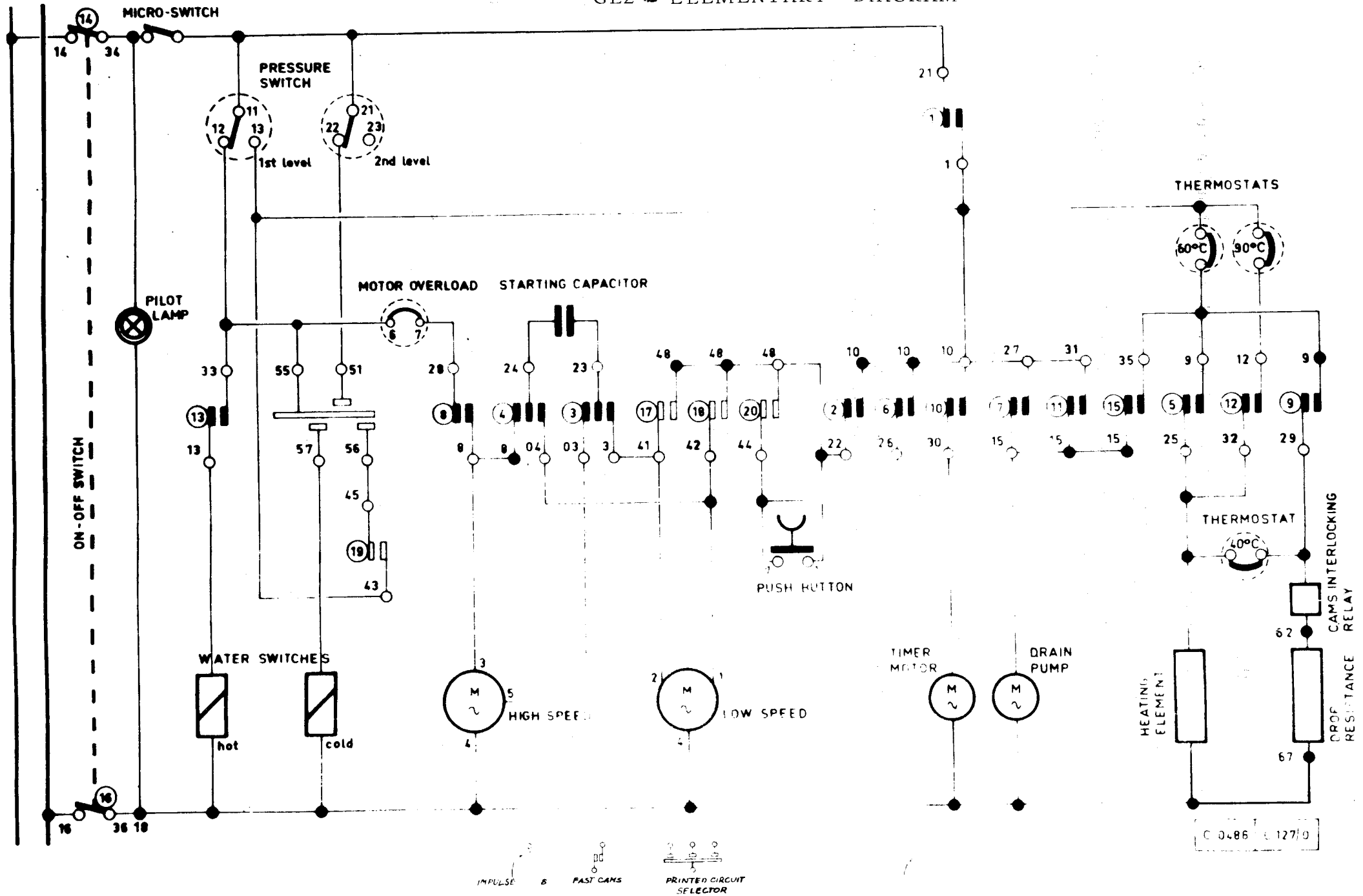
(13) Woollens

Very short mainwash at high water level and heat to 40° centigrade with gentle tumbling followed by 4 rinses and no draining at the final rinse.

No draining

To empty the machine in the no-drain position, the timer must be advanced manually to the () position, the draining will be followed by a 1 minute spin.

GL2 - ELEMENTARY DIAGRAM



Cooling

At the end of the main wash of the energetic cycles a gradual cooling is carried out by loading more water into the tub. This is carried out by energising the cold fill valve through the fast cam (19) and in series with contacts (55-56) of the timer.

Draining


The drain pump is energised through cam (7) or cam (11). Also cam (1) closes to maintain a feed to the timer and drain pump after the pressure switch has taken the "empty" position.

Spinning

The spinning is performed only when the 1st level pressure switch is in the "empty" position and when cam (8) is closed to the spin position.

On the energetic cycles there are short spins of - 1 min following the second and fourth rinses, and following the final rinse there is spinning for 5 minutes.

No-Drain Feature

This condition exists at the final rinse of the delicate cycles, where the fabrics are left suspended in water. The machine will not drain until the timer has been advanced manually to the () position. This draining will be followed by a one minute spin.

GL2 - Washing Cycles (Cotton and Linen)

(1) Whites Heavy Soil - bio Prewash

Prewash - Fills to high water level and heat to 60° centigrade

Mainwash - Fills to normal water level and heat to 90°C with vigorous tumbling followed by cooling and 5 rinses in cold water at high water level, with a 5 minute spin after the final rinse.

(2) Whites

Prewash - Fills to high water level and heat to 40° centigrade.

Mainwash - Fills to normal water level and heat to 90°C, with vigorous tumbling followed by cooling and 5 rinses in cold water at high water level, with a 5 minute spin after the final rinse.

(3) Whites - Special

Mainwash - Fills to normal water level and heat to 90°C, with vigorous tumbling followed by cooling and 5 rinses in cold water at high water level, with a 5 minute spin after the final rinse.

(4) Fast Coloureds

Mainwash - Fills to normal water level and heat to 60° centigrade with vigorous tumbling, followed by cooling and 5 rinses in cold water at high water level with a 5 minute spin after the final rinse.

(5) Non-Fast Coloureds

Mainwash - Fills to normal water level and heat to 40° centigrade with vigorous tumbling, followed by cooling and 5 rinses in cold water at high water level with a 5 minute spin after the final rinse.

HOW THE GL2 WASHING MACHINE WORKS

Water Filling

The fill valves are energised through contacts 11-12(empty position) of the pressure switch and through cam (3)-(hot fill) and through contacts 55-57-(Timer) -(cold fill).

For high water level filling the valves are energised through contacts 21-22(high level section) of the pressure switch and through contacts 51-55 of the timer.

When the valves are energised, the majority of the water flows directly into the tub, but a small amount is directed into one of the three compartments of the dispenser, by means of a nozzle.

The position of the nozzle is determined by a cam located on, and driven by the timer shaft.

The dispenser is provided with three compartments, (a) for the prewash, (b) for the mainwash, (c) for the special additives.

The special additive section (c) is provided with a small syphon which operates when the water fills the compartment. In this way the additive is diluted before entering the tub.

Washing

During the washing the drum revolves with two different tumbling times.

Energetic: - 16" clockwise action
 - 14" pause
 - 16" Anticlockwise action

Delicate: - 8" clockwise action
 - 22" pause
 - 8" Anticlockwise action

The times are determined by three fast cams (17, 18 & 20.) When cams (17 & 18) are directly energised by cam (2) the drum revolves with energetic action. When cam (6) and fast cam (20) are in series with the fast cam (17 & 18), the working time is determined by cam (20) whilst the direction of the movement is determined by cams (17 & 18), giving delicate action.

The push-button when depressed will override cam (20) and give only energetic washing.

This is designed to give a vigorous washing on heavily soiled delicate fabrics.

Heating

The washing machine is controlled by the cams interlocking relay during this period. This allows a continuous washing action throughout the heating time.

The relay is fitted on the timer in such a way that when it is energised the impulse cams are locked, whilst the fast cams continue to feed the drum motor.

The relay is connected in parallel to the heater (2700W) and in series with normally closed thermostats.

The temperatures are controlled by means of three thermostats with normally closed contacts. These are selected by the timer and switched in series with the heater and the relay.

The calibration temperatures are 38°C, 60°C and 88°C

On cycle No. 11, in which a temperature of 48°C is required, the heating up to 40°C is thermostatically controlled, whilst the heating from 40°C to 48°C is controlled by the timer.

Cooling

At the end of the main wash of the energetic cycles a gradual cooling is carried out by loading more water into the tub. This is carried out by energising the cold fill valve through the fast cam (19) and in series with contacts (55-56) of the timer.

Draining


The drain pump is energised through cam (7) or cam (11). Also cam (1) closes to maintain a feed to the timer and drain pump after the pressure switch has taken the "empty" position.

Spinning

The spinning is performed only when the 1st level pressure switch is in the "empty" position and when cam (8) is closed to the spin position.

On the energetic cycles there are short spins of - 1 min following the second and fourth rinses, and following the final rinse there is spinning for 5 minutes.

No-Drain Feature

This condition exists at the final rinse of the delicate cycles, where the fabrics are left suspended in water. The machine will not drain until the timer has been advanced manually to the () position. This draining will be followed by a one minute spin.

GL2 - Washing Cycles (Cotton and Linen)

(1) Whites Heavy Soil - bio Prewash

Prewash - Fills to high water level and heat to 60° centigrade

Mainwash - Fills to normal water level and heat to 90°C with vigorous tumbling followed by cooling and 5 rinses in cold water at high water level, with a 5 minute spin after the final rinse.

(2) Whites

Prewash - Fills to high water level and heat to 40° centigrade.

Mainwash - Fills to normal water level and heat to 90°C, with vigorous tumbling followed by cooling and 5 rinses in cold water at high water level, with a 5 minute spin after the final rinse.

(3) Whites - Special

Mainwash - Fills to normal water level and heat to 90°C, with vigorous tumbling followed by cooling and 5 rinses in cold water at high water level, with a 5 minute spin after the final rinse.

(4) Fast Coloureds

Mainwash - Fills to normal water level and heat to 60° centigrade with vigorous tumbling, followed by cooling and 5 rinses in cold water at high water level with a 5 minute spin after the final rinse.

(5) Non-Fast Coloureds

Mainwash - Fills to normal water level and heat to 40° centigrade with vigorous tumbling, followed by cooling and 5 rinses in cold water at high water level with a 5 minute spin after the final rinse.

(6) Rinses

5 rinses in cold water at high water level with a 5 minute spin after the final rinse.

(7) Special Treatments

2 rinses in cold water at high water level with a 5 minute spin after the final rinse.

(8) Spinning

Spinning for 5 minutes with water draining.

(9) Delicate Cycles

White Nylon - heavy soil

Prewash - Fills to high water level and heats to 40° centigrade.
Mainwash - Fills to high water level and heats to 60° centigrade with gentle tumbling action followed by 4 rinses and no draining at the final rinse.

(10) White Nylon

Mainwash - Fills to high water level and heats to 60° centigrade with gentle tumbling followed by 4 rinses and no draining at the final rinse.

(11) Minimum Iron

Mainwash - Fills to high water level and heats to approximately 48° centigrade with gentle tumbling action followed by 4 rinses and no draining at the final rinse.


(12) Delicates

Mainwash - Fills to high water level and heat to 40° centigrade with gentle tumbling followed by 4 rinses and no draining at the final rinse.

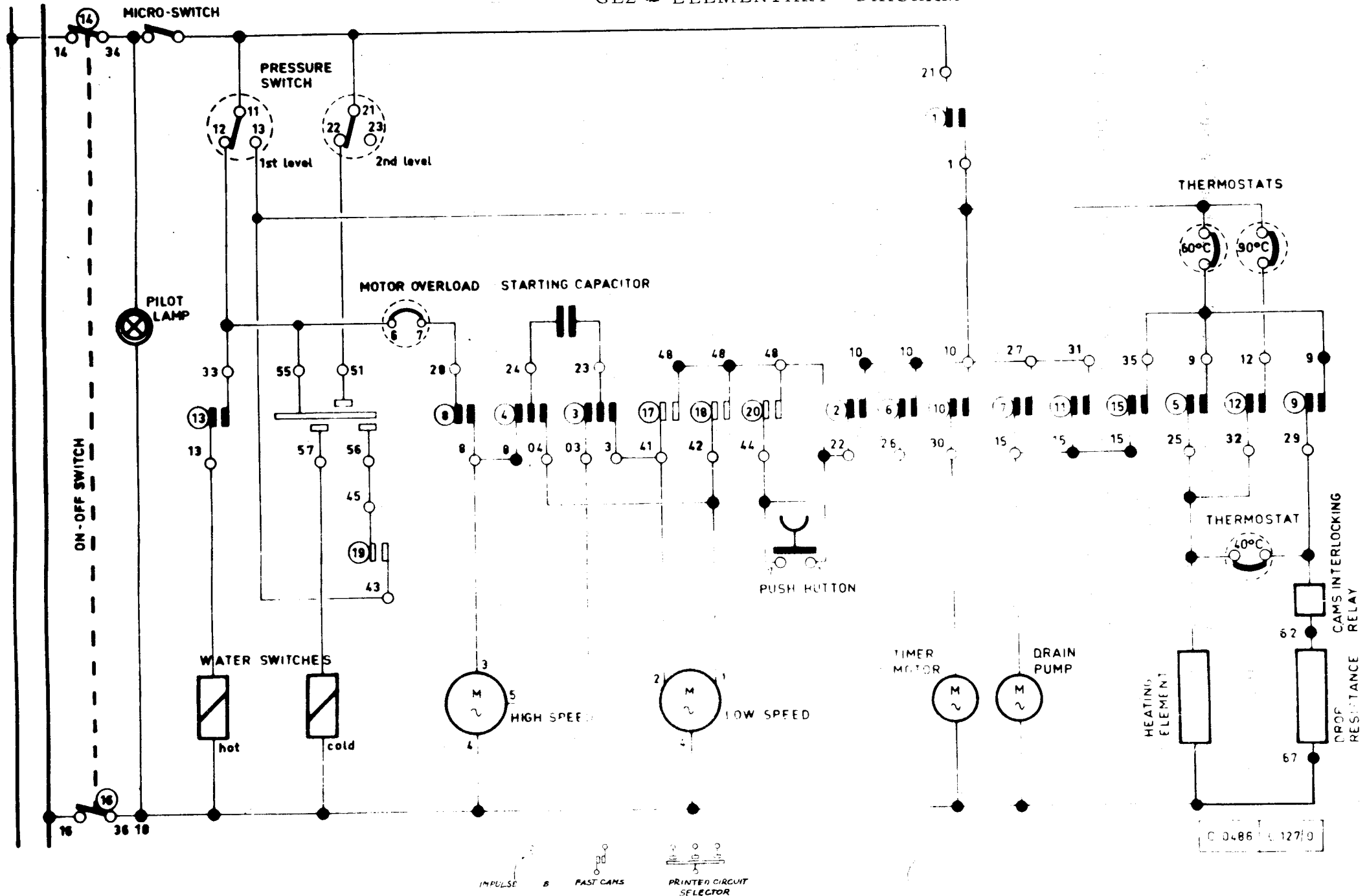
(13) Woollens

Very short mainwash at high water level and heat to 40° centigrade with gentle tumbling followed by 4 rinses and no draining at the final rinse.

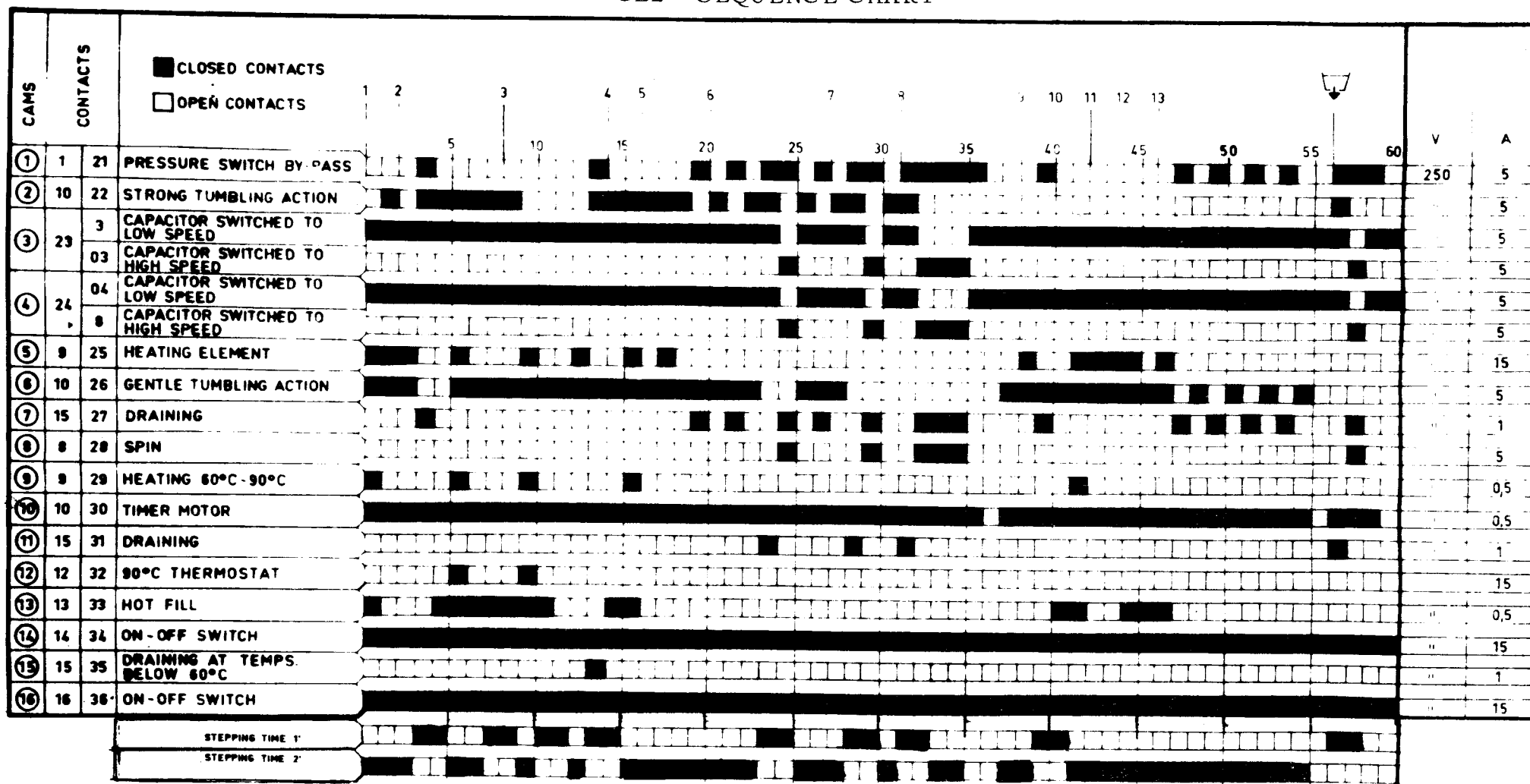
No draining

To empty the machine in the no-drain position, the timer must be advanced manually to the () position, the draining will be followed by a 1 minute spin.

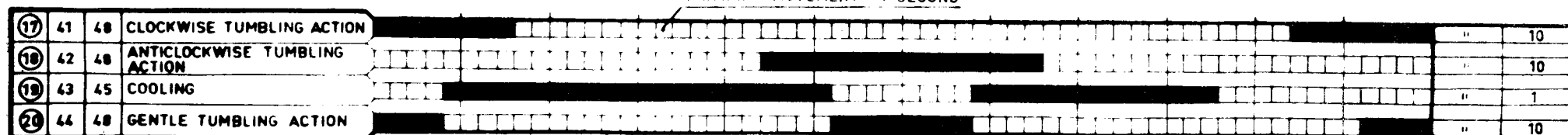
GL2 - ELEMENTARY DIAGRAM



2. SEQUENCE CHART



1 INCHING MOVEMENT : 1 SECOND



APPLIANCE HANDLING AND TRANSIT

BARS

The washing machine has a transit bracket screwed into the top of the side panels and bolted to the counterweight to secure the tub; it also has another bracket fastening the motor to the back of the machine.

- It is absolutely necessary to remove these parts before putting the machine into operation.

To remove proceed as follows: Release 6 retaining screws on top panel and remove, release the top transit bracket by removing the necessary screws and nuts.

Release fixing screws securing back panel and remove. Release the lower fixing bracket by removing the necessary screws and nut. Replace top and back panels.

It is advisable to replace the transit bars should it be necessary to move the appliance from one premises to another.

When carrying out repairs that require the machine to be tilted or laid down it is recommended to tilt or lay the machine on its back, never to the side positions.

Component Removal

Timer: Remove top panel. Remove plate on timer knob, release nut securing timer knob and remove same.

The perspex window with index line is clipped in position and is removed by placing finger in opening and pulling forward. Turn cycle indicator and bring openings in line with timer fixing screws. Release fixing screws and remove timer.

N.B. It is advisable when removing timer to release the pressure switch mounting bracket in order that clearance is given for taking the timer out of its locating position.

Pressure Switch

Remove top panel: Release retaining clip, remove electrical connections and pressure hose, and remove pressure switch.

Intensive Wash Button

Remove top panel, remove electrical connections and release 2 screws securing push-button.

Inlet Valves

Remove top panel: Release hoses and electrical connections and release 2 screws securing valves to cabinet.

Heater

Remove back panel: Remove electrical connections and release centre securing nut. Remove clamping plate. Gently tap centre spindle of heater to release from gasket, proceed then to remove heater and gasket together.

When renewing heater it is advisable to use soap on the gasket to ease replacement.