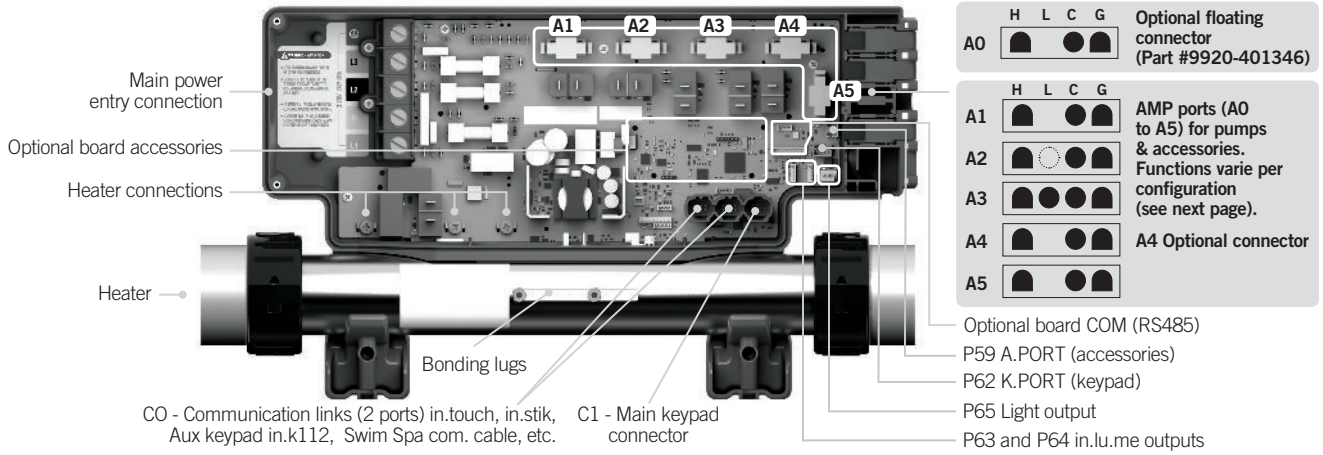
# Quick Start Card

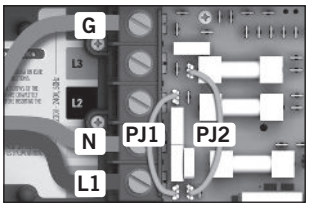
## in.ye-3-ce™ & in.ye-5-ce™ European version

## 1- Connect all outputs & keypads



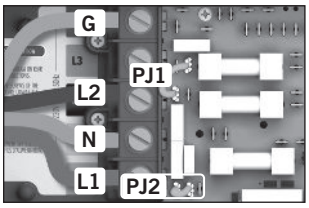

## 2- Connect the main power

Determine jumper positions for number of phases



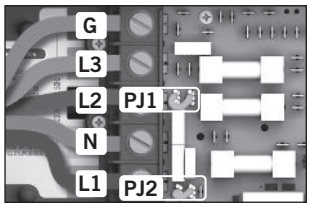

**1 phase connection**

| Phase jumpers | Position |
|---|---|
| PJ1 | P37-P49 |
| PJ2 | P50-P26 |




**2 phase connection**

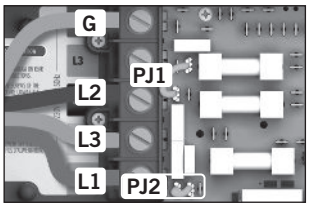
| Phase jumpers | Position |
|---|---|
| PJ1 | P37-P26 |
| PJ2 | P50-P49 |




**3 phase connection**

| Phase jumpers | Position |
|---|---|
| PJ1 | P37-P38 |
| PJ2 | P50-P49 |

**input voltage: 230 V, 50 Hz (line-to-Neutral)**




**3 phase Delta connection**

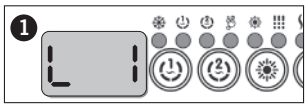
| Phase jumpers | Position |
|---|---|
| PJ1 | P37-P26 |
| PJ2 | P50-P49 |

**Only for countries where Line-to-Line input voltage: 230V, 50Hz.**

Correct wiring of the electrical service box, RCD, and pack terminal block is essential. Power must be off during this step.

**WARNING!** All connections must be made by a qualified electrician in accordance with the national electrical code and any state, provincial or local electrical code in effect at the time of the installation. This product must always be connected to circuit protected by a residual-current device (RCD).

## 3- Select spa configuration (if prompt on startup)




At first startup the keypad display will show **Lx** or **LLx,** where « x » representing the config. number. Some spa packs come with a pre-selected config. and you may skip this step if your system automatically starts up[1].




Use the **Up/Down** key to choose the new low level configuration number.




Press the **Program**[2] key to confirm the selection.

**For more information, see our website: www.geckoalliance.com**

[1] **Note: To re-enter the low level selection menu, hold the Pump 1 key for 30 seconds.**

**Note:** For the **Color keypad series**, select **Settings menu**, go into **Electrical config** and choose the appropriate Low level.

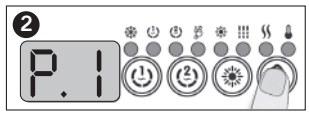
[2] **Note: If the keypad does not have a Program or Filter key, use the Light key instead.**

## 4- Select breaker current (Specify the current rating and the number of phases of the RCD used to ensure safe and efficient current mangement (and no RCD trippings).




Press and hold the **Program** key for 20 seconds until you access the breaker setting menu.

**Note:** For the **Color keypad series**, select **Settings menu**, go into **Electrical config** and choose Input current.



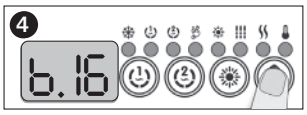

**Current setting for each phase setting**

| # of phases | Current setting range |
|---|---|
| 1 | 10 to 48 A |
| 2 | 10 to 20 A |
| 3 | 10 to 16 A |

Choose the number of phases supplying your spa (1-3). Use the **Up/Down** key to select the desired value. Then press the **Program** key to confirm the selection.




The values displayed by the system correspond to the maximum amperage capacity of the RCD.




Use the **Up/Down** key to select the desired value. Then press the **Program** key to confirm the selection.

**Note**: If the keypad does not have the **Program** or **Filter** key, use the **Light** key instead.

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## Configuration selection chart

### Software #638, rev. 002

| Standard config. # | Pump 1 | Pump 2 | Pump 3 | Pump 4 | Pump 5 | Blower | Direct 1 | Circ. Pump (CP) configuration | Ozone (O3) configuration[1] | Filter cycle daily | Heater |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **1SP** (A3) *10A* | – | – | – | – | – | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A4) | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 2 | **1SP** (A3) *10A* | **1SP** (A2) *10A* | – | – | – | – | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A4) | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 3 | **1SP** (A3) *10A* | – | – | – | – | **X** (A4) *4A* | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A2) | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 4 | **1SP** (A3) *10A* | **1SP** (A2) *10A* | – | – | – | **X** (A4) *4A* | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A0)[2] | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 5 | **1SP** (A3) *10A* | **1SP** (A2) *10A* | **1SP** (A1) *10A* | – | – | – | **240V** (A5) 0A | **During filter cycle** (A4) *2A* | **During filter cycle with CP** (A0)[2] | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 6 | **1SP** (A3) *10A* | **1SP** (A2) *10A* | **1SP** (A1) *10A* | – | – | **X** (A4) *4A* | **240V** (A5) 0A | **During filter cycle** (A0)[2] *2A* | – | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 7 | **2SP** (A3) *10A-4A* | – | – | – | – | – | **240V** (A5) 0A | – | **During filter cycle with P1** (A1) | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 8 | **2SP** (A3) *10A-4A* | – | – | – | – | – | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A4) | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 9 | **2SP** (A3) *10A-4A* | **1SP** (A2) *10A* | – | – | – | – | **240V** (A5) 0A | – | **During filter cycle with P1** (A1) | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 10 | **2SP** (A3) *10A-4A* | **1SP** (A2) *10A* | – | – | – | – | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A4) | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 11 | **2SP** (A3) *10A-4A* | – | – | – | – | **X** (A4) *4A* | **240V** (A5) 0A | – | **During filter cycle with P1** (A1) | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 12 | **2SP** (A3) *10A-4A* | – | – | – | – | **X** (A4) *4A* | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | **During filter cycle with CP** (A2) | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 13 | **2SP** (A3) *10A-4A* | **1SP** (A2) *10A* | – | – | – | **X** (A4) *4A* | **240V** (A5) 0A | – | **During filter cycle with P1** (A1) | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 14 | **2SP** (A3) *10A-4A* | **1SP** (A2) *10A* | – | – | – | **X** (A4) *4A* | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | – | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 15 | **2SP** (A3) *10A-4A* | **1SP** (A2) *10A* | **1SP** (A1) *10A* | – | – | – | **240V** (A5) 0A | – | **During filter cycle with P1** (A4) | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 16 | **2SP** (A3) *10A-4A* | **1SP** (A2) *10A* | **1SP** (A1) *10A* | – | – | – | **240V** (A5) 0A | **During filter cycle** (A4) *2A* | – | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 17 | **2SP** (A3) *10A-4A* | **2SP** (A2) *10A-4A* | – | – | – | – | **240V** (A5) 0A | – | **During filter cycle with P1** (A1) | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 18 | **2SP** (A3) *10A-4A* | **2SP** (A2) *10A-4A* | – | – | – | – | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | – | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 19 | **2SP** (A3) *10A-4A* | **2SP** (A2) *10A-4A* | – | – | – | **X** (A1) *4A* | **240V** (A5) 0A | – | – | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 20 | **2SP** (A3) *10A-4A* | **2SP** (A2) *10A-4A* | **1SP** (A1) *10A* | – | – | – | **240V** (A5) 0A | – | – | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 21 | **1SP** (A3) *9A* | **1SP** (A2) *9A* | **1SP** (A4) *6A* | **1SP** (A1) *6A* | – | – | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | – | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 22 | **1SP** (A3) *10A* | **1SP** (A2) *8A* | **1SP** (A1) *8A* | **1SP** (A4) *8A* | – | – | **240V** (A5) 0A | **During filter cycle** (A0)[2] *2A* | – | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 23 | **2SP** (A3) *8A-4A* | **1SP** (A2) *8A* | **1SP** (A4) *8A* | – | – | **X** (A1) *4A* | **240V** (A5) 0A | – | **During filter cycle with P1** (A0)[2] | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 24 | **2SP** (A3) *8A-3A* | **1SP** (A1) *10A* | **1SP** (A2) *8A* | **1SP** (A4) *8A* | – | – | **240V** (A5) 0A | – | – | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| **Dual pack config. #** | | | | | | | | | | | |
| 51 Master | **1SP** (A3) *10A* | **1SP** (A2) *10A* | – | – | – | **X** (A4) *4A* | **240V** (A5) 0A | **During filter cycle** (A1) *2A* | – | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 51 Slave | – | – | **1SP** (A3) *10A* | **1SP** (A2) 10A | – | – | **240V** (A5) 0A | – | **During filter cycle with CP** (A1) | – | – |
| 53 Master | **2SP** (A3) *10A-4A* | **1SP** (A2) *10A* | **1SP** (A1) *10A* | – | – | – | **240V** (A5) 0A | **During filter cycle** (A4) *2A* | – | **2 X 6 hours** with CP | **with CP** *12A (3kW)* |
| 53 Slave | – | – | – | **1SP** (A3) *10A* | **1SP** (A2) *10A* | **X** (A4) *4A* | **240V** (A5) 0A | – | **During filter cycle with CP** (A1) | – | – |
| 54 Master | **2SP** (A3) *10A-4A* | **1SP** (A2) *10A* | **1SP** (A1) *10A* | – | – | – | **240V** (A5) 0A | – | – | **2 X 2 hours** with P1 | **with P1** *12A (3kW)* |
| 54 Slave | – | – | – | **1SP** (A3) *10A* | **1SP** (A2) *10A* | **X** (A4) *4A* | **240V** (A5) 0A | – | **During filter cycle with P1** (A1) | – | – |

**Glossary**

| | |
|---|---|
| **X** | Installed |
| **1SP** | High speed only |
| **2SP** | High and Low speed |
| *13A-4A* | Current High - Low speed |

[1] When the Ozonator is not controlled by a relay, it can be tied to Pump 1 Low speed or Circ. Pump. Pump using cable splitter AMP PN: 9920-401369.
[2] Install A0 (order extra AMP connector 9920-401346) (Black wire to P33 tab on the board, Green to any Ground (G) tabs and white to any Neutral (N) tabs for 120 V or any L2 tabs for 240 V).

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