

Control cabinet PID

IHPs smallest control cabinet is a "stand alone" system that fits a variety of heating applications where the need is one heating zone and one sensor. In our PID controller there is plenty of intelligence that comes in handy when needed for even heating, ramp functionality, maximum adjustable temperature, program steps with different set points or only temperature control that is CE marked and approved.

We supply the control cabinets in three standard versions and you simply select the cabinets according to the type of sensor that fits your process. IHP can also offer some popular options such as quick plug between heater and control cabinet and help program the control cabinet with the parameters that are important in your process.

The control cabinet can advantageously be used in conjunction with all IHPs heaters that need less than 16Ampere.



Technical specification

Plastic casing
Dimensions 200 x 200 x 132mm
Electronic PID-controller type ATR244
Solid state relay SSR (max current 16A)
Heater connection on terminal block
Adjusted for sensor type PT100 (two- or three threads), TCJ or TCK (NOTE sensor not included but can be ordered separately)
The controller can be programmed via NFC with Android smartphone
Earth breaker not included (IHP assumes that the 230V socket is protected by earth breaker)
Rubber cable 1,6m H07RN-F (3G1.5 mm ²) with Protective Earth plug type Schucko
CE manual


Standard range

Article number	Description	Temperature area
220-16A-1-LC-001	Control cabinet optimized for PT100	-200°C to 600°C
220-16A-1-LC-002	Control cabinet optimized for TCJ	-200°C to 1200°C
220-16A-1-LC-003	Control cabinet optimized for TCK	-260°C to 1360°C
220-16A-3-LC-011	Control cabinet 400V optimized for PT100	-200°C to 600°C

Options

Article number	Description
220-speedplug	Multi pin chassis connector mounted on the control cabinet. Male to heater is delivered unassembled.

220-program-a	Extra function pre-programmed at delivery. a. Highest adjustable value for heating
220-program-b	Extra function pre-programmed at delivery. b. Soft start
220-program-c	Extra function pre-programmed at delivery. c. Ramp functionality
220-program-d	Extra function pre-programmed at delivery. d. Program steps with different set points

 IHP International Heating Products AB

Hällebergsvägen 5, SE-443 60 Stenkullen, Sweden

Telefon: +46 (0)31 795 30 30 - Fax: +46 (0)31 795 30 39

Hemsida: www.ihp.se - E-post: info@ihp.se - Org. Nr. 556689-7327 - VAT Nr. SE556689732701

Bank: SEB Skandinaviska Enskilda Banken AB - Företaget innehar F-skatteskedel