



HMI SERIES, DIGITAL COMBINATION CONTROLS					
MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. SENSOR P/N	SHIP WGT. Lbs./kg)
HMI402	240	40	AH-40-24	RTD100	16
HMI404	480	40		RTD100	(7.5)
HMI702	240	70	AH-70-24	RTD100	23
HMI704	480	70		RTD100	(10.5)
HMI1252	240	125	AH-125-24	RTD100	27
HMI1254	480	125		RTD100	(12.5)



Product Features and Benefits:

IMPROVES PROCESS CONTROL: Clear, 2.78 x 2.08" (70.5 x 52.9mm), easy to read backlit touch screen display. Provides precise control for consistent plating and etch rates in most aqueous processes.

TEMPERATURE SENSOR: Fluoropolymer (FEP) covered 10-foot (3m), 100-ohm platinum sensor included standard with the control. Provides extended service in corrosive liquids and can be lengthened with ordinary copper hookup wire.

CORROSION RESISTANT ENCLOSURE: NEMA 4X (indoor), IP66, gasketed plastic enclosure with sealed tactile switches and stainless steel hardware.

CERTIFICATIONS: cULus.

CAPACITIES:

- Large switching capacities from 40 to 125 amps for 120 to 600 volts.
- Adjustable temperature range from 0°F (0°C) to 999°F (999°C).
- Single or three phase.

SAFETY FEATURES:

- Pre-wired P1/P2 protector terminal blocks.
- Programmable high alarm shutdown.
- 24vdc control.
- Sensor short and break protection.
- All finger-safe electrical components.

SPECIAL FEATURES:

- Remote access capability via smart phone, tablet or computer.
- Intuitive operator interface.
- Ethernet communication.
- USB connectivity.
- Integrated programmable timer.
- Data trend and alarm logging capabilities.
- Operator lockout password protection.

OPTIONS AVAILABLE (consult factory):

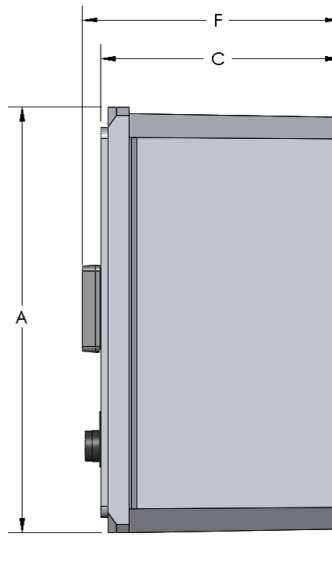
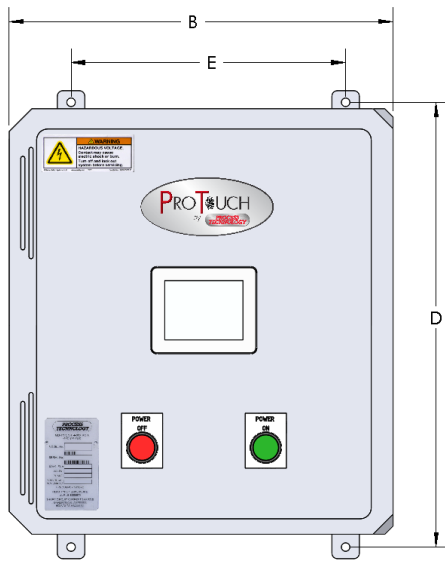
- Scalable voltage and current inputs.
- Door handle power interlock with circuit breaker.
- 1000-ohm platinum RTD input. Other sensors available, consult factory.
- Integral liquid level control components.
- Ground fault circuitry.
- Voltage, relay and current output.
- Thermocouple over-temp protection systems.

Your Distributor:

80 Metcalfe Street • Buffalo, NY 14206 U.S.A. • **US/CN: 800-777-2436** • 716-856-2300 • Fax: 716-856-7115

www.cdibuffalo.com • E-mail: sales@cdibuffalo.com

DIMENSIONS



DIMENSIONS	40 Amps	70 Amps	125 Amps
A	15.49" (393mm)	20.28" (515mm)	28.86" (733mm)
B	13.86" (352mm)	16.34" (415mm)	20.98" (533mm)
C	8.59" (218mm)	8.98" (228mm)	10.57" (268mm)
D	16.19" (411mm)	16.73" (425mm)	24.61" (625mm)
E	10" (254mm)	9.65" (245mm)	13.58" (345mm)
F	8.84" (225mm)	9.23" (234mm)	10.82" (275mm)

HMI Combination Control Ordering Information

Series	Amperes	Voltage	Standard Options
HMI	40 70 125	1 - 120 2 - 200-240 4 - 400-480	LC - Conductive Level Control ESP - Capacitive Level Terminals GFP - Ground Fault Detection CB - Circuit Breaker/Handle Disconnect P3 - Resettable protector 3 P8 - Resettable protector 8 1000 - RTD1000

ORDERING EXAMPLE:

HMI404-CB

HMI series control, 40 amps, 480 VAC, with Circuit Breaker/Handle Disconnect.

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