The benchmark of efficiency

Technical Data Sheet

AHE-5010 Rev02
Stand-Alone-HMI

Control Interface (HMI) for independent operation of cera2seal and cera2heat systems.

Backside

Parameters

Display and Signal Elements	
Display size	15.6" diagonal
Resistive Technology	Projected capacitive touch (PCAP)
Signals	5-color LED signal lamp for status indication

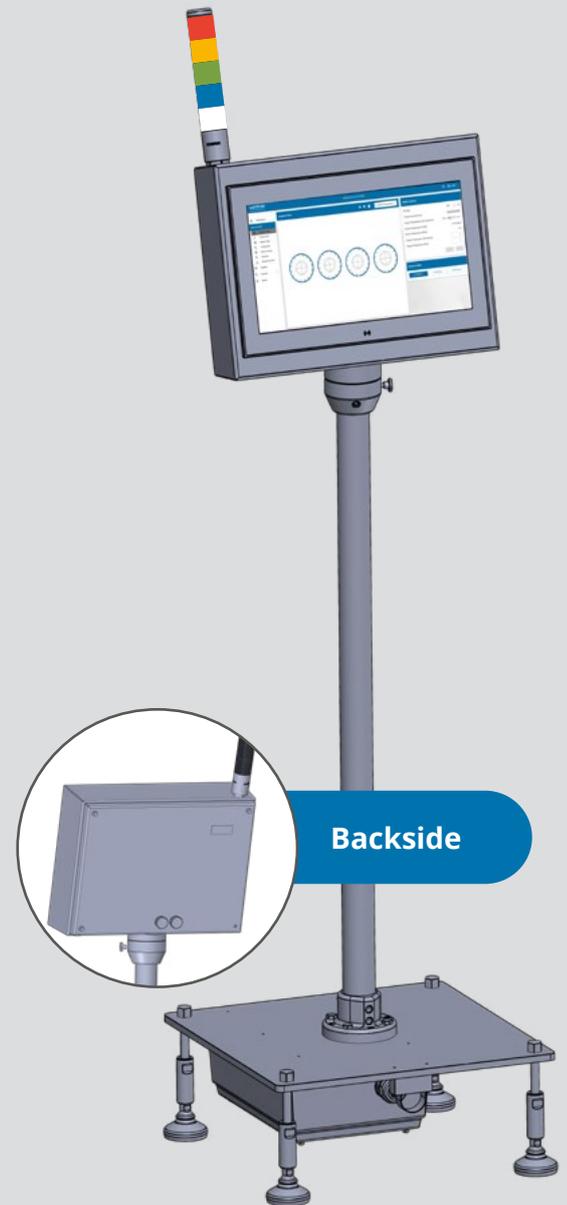| Electrical (supply via control cabinet)	
Voltage	24 V DC
Current	Max. 6 A

Connection	
Cable type	Control and connection cables in a PVC hose
Connector type	Harting® Han6B
Cable length	5 m (extension cable available)
Diameter	25 mm
Minimum bending radius	400 mm

Enviromental Conditions	
IP	65
Ambient temperatures	5 °C to 40 °C (41 °F to 104 °F)
Maximum realtive air humidity	80 % at temperature up to 31 °C (88 °F) decreasing linearly to 50 % realtive humidity at 40 °C (104 °F)

Dimensions	
Height	1770 mm
Width	450 mm (baseplate)
Depth	450 mm (baseplate)
Weight	42 kg

watttron Inc.
150 N Michigan Ave
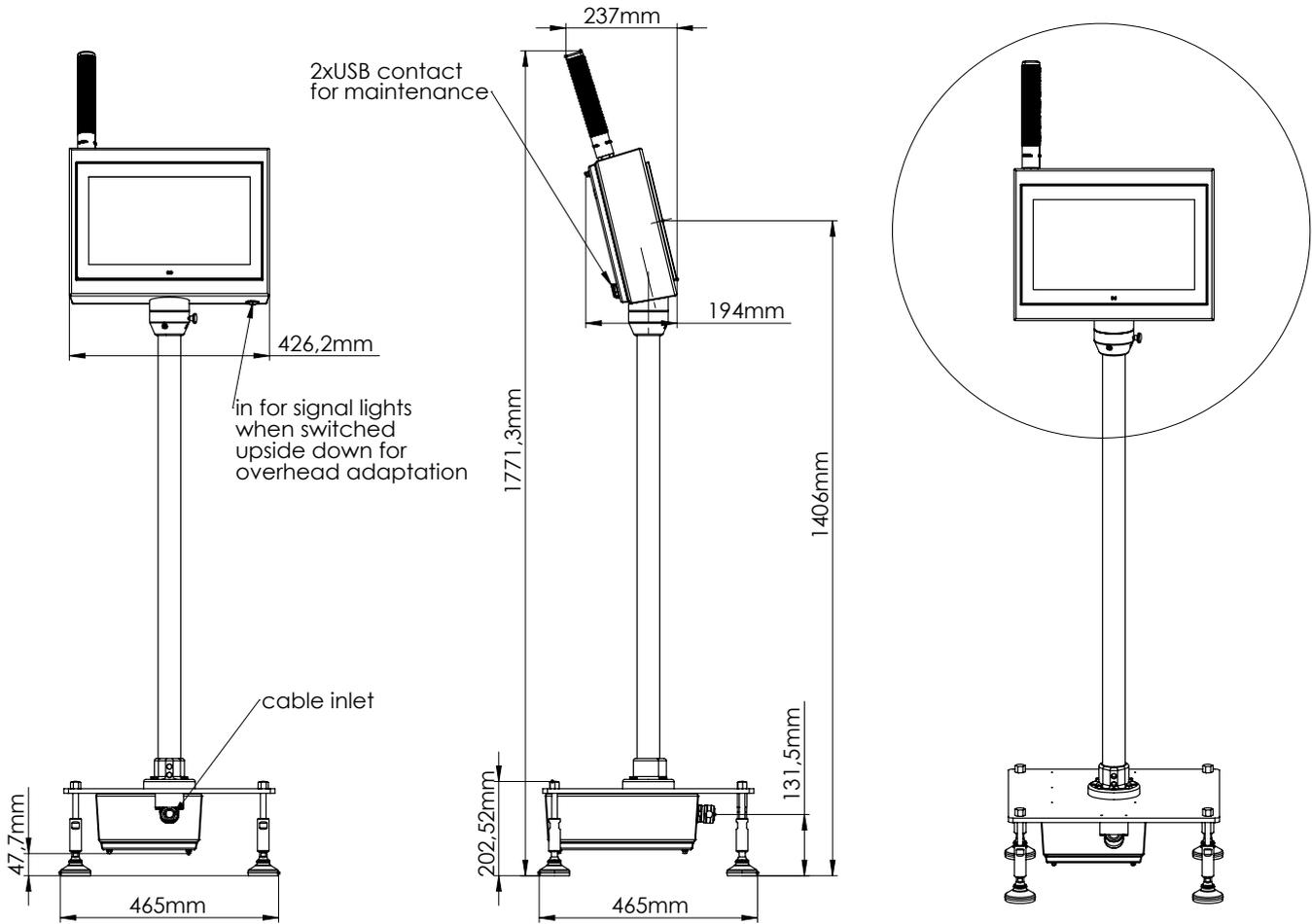35th Floor
Chicago, IL 60601

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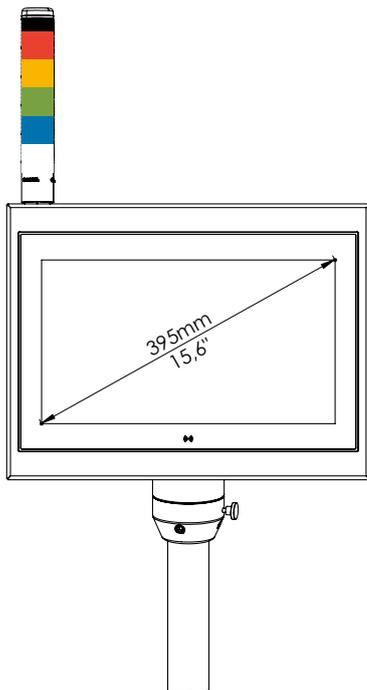
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Drawing

237mm

2xUSB contact for maintenance

194mm

426,2mm

in for signal lights when switched upside down for overhead adaptation

1771,3mm

1406mm

cable inlet

131,5mm

47,7mm

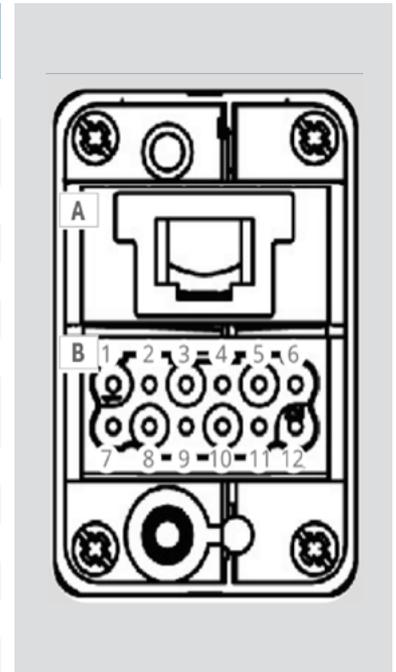202,52mm

465mm

465mm

rot/red
gelb/yellow
grün/green
blau/blue
weiß/white

395mm
15,6"

🔴 Error

🟡 Warning

🟢 System is heating

🔵 Heater voltage active

⚪ Heater voltage not active

Connector Assignment of Han6B Connector

Wire gauge	Colour/Marking	Wire Assignment	Pin
1.5 mm²	Black	RJ45	A1
1.5 mm²	Black 1	Check if plug inserted (jumper between B1 & B7 insidethe HMI)	B1
1.5 mm²	Black 2	Heater Voltage OFF	B2
1.5 mm²	Black 3	Heater Voltage ON	B3
1.5 mm²	Black 4	+24V Supply Voltage	B4
1.5 mm²	Black 5	+24V Supply Voltage	B5
1.5 mm²	Black 6	+24V Supply Voltage	B6
1.5 mm²	Black 7	Check if plug inserted (jumper between B1 & B7 insidethe HMI)	B7
1.5 mm²	Black 8	Heater Voltage OFF	B8
1.5 mm²	Black 9	Heater Voltage ON	B9
1.5 mm²	Black 10	GND Supply Voltage	B10
1.5 mm²	Black 11	GND Supply Voltage	B11
1.5 mm²	Black 12	GND Supply Voltage	B12
1.5 mm²	Yellow/Green	Protective Earth	PE

Graphic User Interface