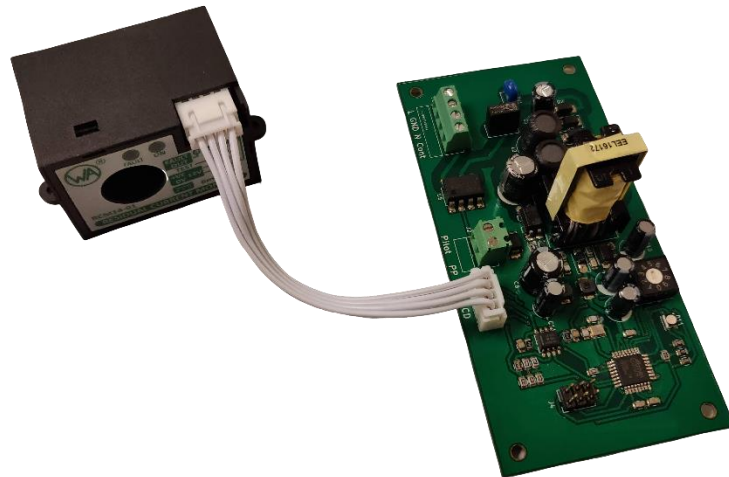


## Deltrix Basic EV Controller – Technical Specifications



### Controller Board - Physical

Dimensions (LxWxH)	110mm x 55mm x 35mm
Weight	150 grams
Mounting Process/options	4 Holes on corners
Embedded microcontroller	Atmel
Firmware	Embedded
On-board temperature monitoring	Yes, in micro-controller
Power supply	On-board
Pluggable connectors	RCD + Mains Supply + CP + PP
Reprogrammable Firmware	Yes, with clip-on connector

### Controller Board - Electrical

Mode	3 (IEC 61851-1 / SAE J1772 compliant communication protocol)
Power Rating	Power Rating: 7,2 KW (1 Phase) to 22KW (3 Phases)
Current Settings	10-Step adjustable charging current (Amps: 6, 8, 10, 12, 13, 16, 18, 20, 25, 32)
Earth Leakage Protection	External ground fault sensor e.g. RCM14-01 or 02 from WA
Contactor	External
Status Lighting (On-Board LED)	LEDs with Clear, Connected & Charging (use with LED Pipe)
Phases	Single or 3 Phases
Supply Connections	L1, N, PE 2.5 - 1mm <sup>2</sup>
Nominal Supply	230VAC 50Hz
Over Current Protection	40A Supply
Standby Power Consumption	~1W

## Controller Board - Interfacing

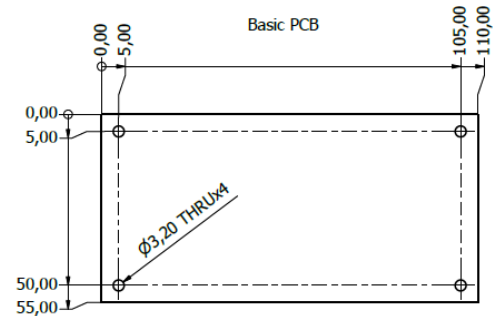
kWh energy meter support	Optional
T2 Socket Locking	Yes
Contactors Failure Detection Connector	Yes
Proximity Pilot & Control Pilot	Yes
Fan Connector	No
LED Connector	No
LCD Support	No
CAN-bus	No
Ethernet interface	No
RCD status	Trip Detect
Contactors enable	External
GSM Antenna & GPS Antenna	No
Penta band 3G/GSM modem	No
GPS global positioning	No
RFID	No
Buzzer Support	No
Local Load Balancing (Master/Slave)	Yes

## Controller Board - Interfacing (Optional)

Additional functionality via the I <sup>2</sup> C Bus	Add-on Board
RFID Support	Yes
Key Locking	Yes
LED Connector	Yes, to drive External LED's
Fan Control Connector	Yes

## Part Numbers

Basic EV Controller - Version A	DEMBEVC-3-1
Advanced EV Controller - Version B	DEMBEVC-3-2



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