

# DCC Demand Charge Controller for Electric Vehicles

ENGLISH



## DCC-9-BOX Splitter box

DCC-9-BOX, manufactured by Thermolec, is a splitter box specifically designed to make a building's electrical infrastructures fully ready for electric vehicles at the lowest possible price.

### INCLUDED

- Splitter box (Max 125A)
- Compatibility: DCC-9-PCB-30A, DCC-9-PCB-40A, DCC-9-PCB-50A, DCC-9-PCB-60A

### FEATURES

The DCC-9-BOX can be powered by a 240/208V AC single phase source, max 125A. The following options are offered by each DCC model:

Models	Main power supply					
	60A	70A	80A	90A	100A	125A
DCC-9-BOX	✓	✓	✓	✓	✓	✓
DCC-9-BOX-3R	✓	✓	✓	✓	✓	✓
<b>Voltage and wiring</b>	240/208V AC single phase: L1, L2, Neutral, Ground.					
<b>Terminals size</b>	up to 2/0 (CU/AL)					
	<b>Dimensions*</b> (H" x W" x D")		<b>Total weight*</b>			
	12" x 12" x 7.5"		11 lb (4,99 kg)			
NEMA 3R enclosure	14" x 13" x 8"		12 lb (5,44 kg)			

\*Approximative and can change without notice.

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## DCC-9-PCB Electronic components

DCC-9-PCB is the electronic infrastructure that fits inside the DCC-9-BOX and allows the connection of an EV charger to the main feeder of a panel without affecting the load calculation.

### FEATURE

- Components needed to connect and power an EV charger.

### OPERATION

- Real-time readings of the total power consumption of a unit's panel;
- Detects when total power consumption exceeds 80% of main circuit breaker capacity and temporarily de-energizes the EV charger;
- Automatically re-energize the EV charger when the total power consumption is less than 80% of main circuit breaker capacity for more than 15 minutes.

### INCLUDED

- Electronic Components
- EV Charger Breaker (Max 60A)
- 2 pre-wired Current Transformers (CT)
- 2 power Cables

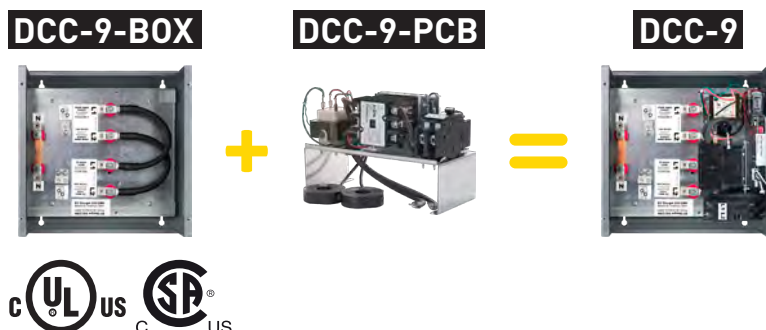
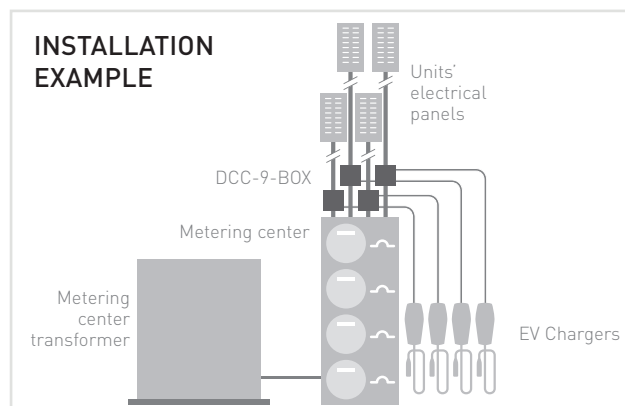
### COMPATIBILITY

- DCC-9-BOX
- DCC-9-BOX-3R

Models	Breaker EV charger	Main power supply					
		60A	70A	80A	90A	100A	125A
DCC-9-PCB-30A	30A	✓	✓	✓	✓	✓	✓
DCC-9-PCB-40A	40A	✗	✗	✓	✓	✓	✓
DCC-9-PCB-50A	50A	✗	✗	✗	✗	✓	✓
DCC-9-PCB-60A	60A	✗	✗	✗	✗	✗	✓
<b>Frequency</b>	50 to 60 Hz						
<b>Operation temperature</b>	-22°F to 113°F (-30°C to 45°C)						
<b>Total weight*</b>	6 lb (2,72 kg)						

\*Approximative and can change without notice.

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www.dcc.technology

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