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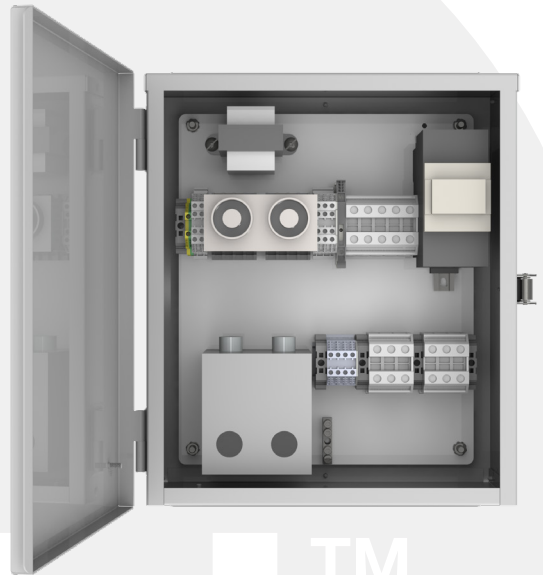
ENERGY MANAGEMENT CONTROLLER

EMC

Electric vehicle supply equipment (EVSE) can draw a substantial load when in charging mode. For existing buildings, the addition of EVSE can result in the total load exceeding the existing service capacity. To eliminate the need for a service upgrade, an EMC can be installed to monitor the load and switch the EV charger when the full load exceeds 80% of main circuit. The combination of Rule 8-500 and new Subrules 8-106(11) and (12) in the 2018 CEC allows the use of EMC to share the loads without affecting the existing panel loads.

Features / Specifications

- Installs in line with EV charger circuit
- Located next to electrical panel
- Current transducers installed on service line
- Factory configured to match charge size with main panel
- Time-delay circuit to reduce load cycling
- Galvanized steel construction
- Dimensions of 14 in (H) x 12 in (W) x 6 in (D)
- CSA Type 3R rated
- Terminal blocks for EV load
- Powder coated PC101 Grey



MAIN PANEL	ENERGY MANAGEMENT CONTROLLER CURRENT			
	30A	40A	50A	60A
60A	EMC30-60	-	-	-
70A	EMC30-70	-	-	-
100A	EMC30-100	EMC40-100	EMC50-100	-
125A	EMC30-125	EMC40-125	EMC50-125	EMC60-125
150A	EMC30-150	EMC40-150	EMC50-150	EMC60-150
200A	EMC30-200	EMC40-200	EMC50-200	EMC60-200



Includes two wired current transducers