

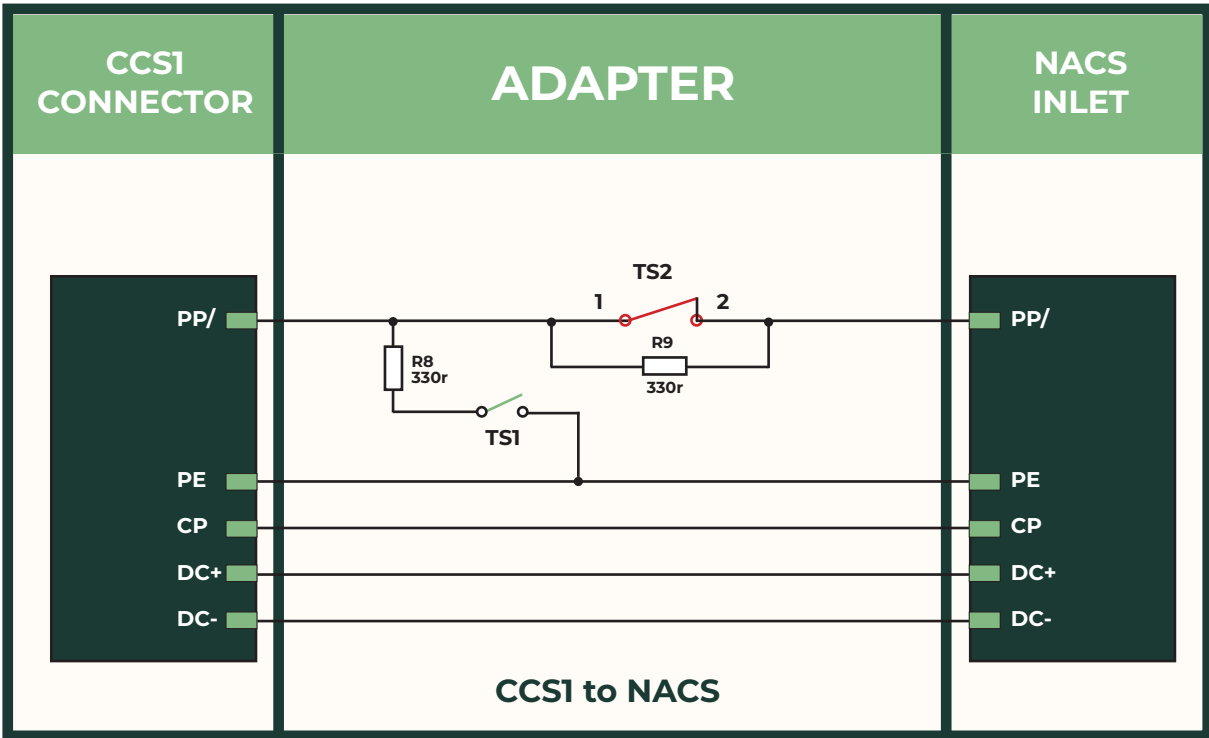
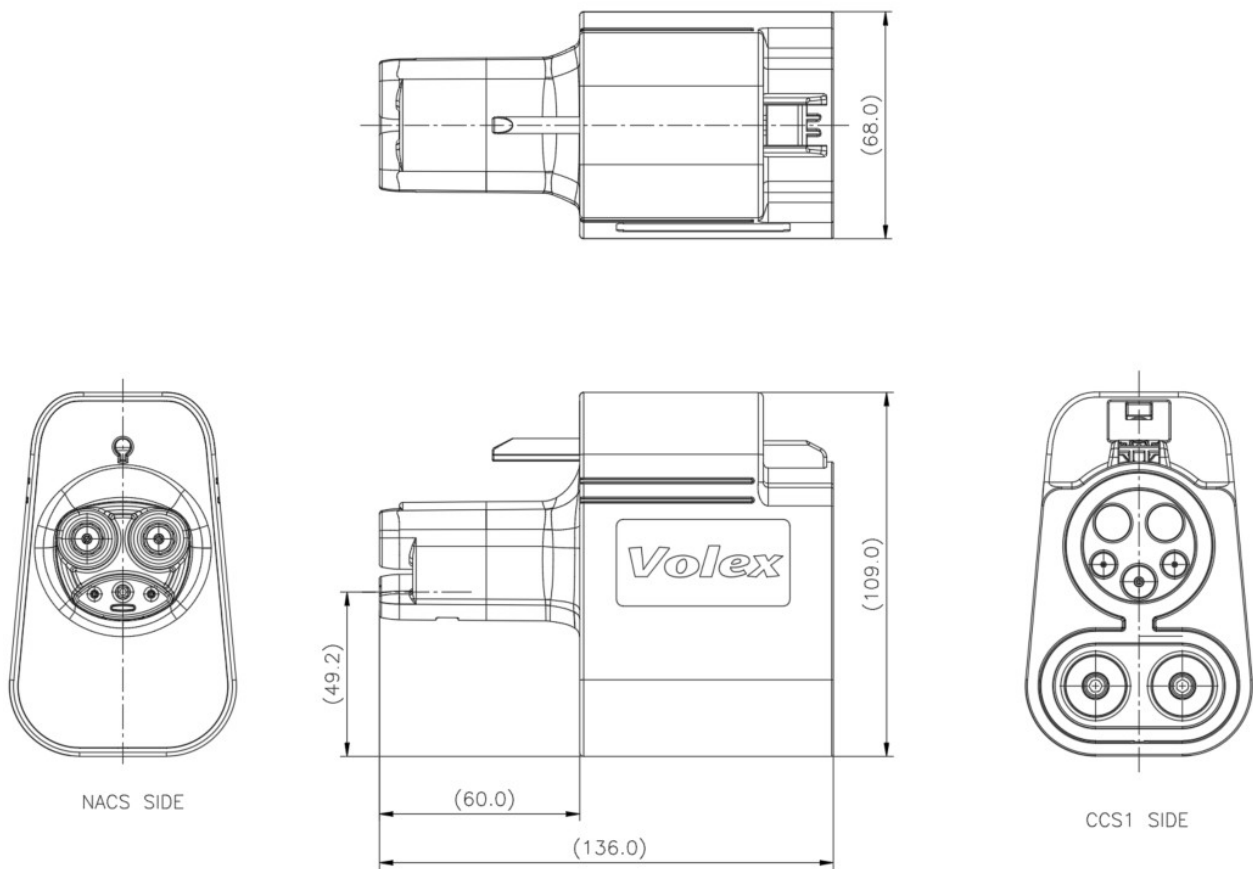
CCS1 TO NACS

EV CHARGING

ADAPTER



PRODUCT DEFINITION	
Charging Standard	SAE J1772, SAE J3400
Standard / Regulations	IEC 62196-1, IEC 62196-2, IEC 62196-3
Approvals & Certification	UL2252 - 2025
DIMENSIONS OF ADAPTER	
Length	136.0 mm
Width	68.0 mm
Height	109.0 mm
ENVIRONMENTAL SPECIFICATIONS	
Ambient Temperature (Operation)	-30°C to +50°C
Ambient Temperature (Storage / Transport)	-40°C to +80°C
Maximum Altitude	3000 m (above sea level)
Operating Humidity	Up to 90% RH, Condensing
Degree of Protection (Mated with Socket / Plug)	NEMA Type 3R
Degree of Protection (Adapter)	IP67 (Unmated)
ELECTRICAL AND MECHANICAL PROPERTIES	
Rated Voltage	1000V DC
Normal Rated Current	250A at 50°C without LCC
Maximum Rated Current	350A at 50°C with LCC
Maximum Current	500A
Insulation Resistance	≥ 100 MΩ
Withstand Voltage	3000V AC
Mating Cycles (CCS1 Inlet and NACS Connector)	≥ 10,000 Cycles
Insertion Force and Withdrawal Force	< 100 N
MATERIAL	
Adapter Enclosure	Plastic
Terminal	Copper
Plating	Silver / Nickel Plating or On Request
Flammability Rating	UL 94 HB



Contact us at sales@volex.com
for assistance in finding the right solution for your needs.