

NACS TO J1772

EV CHARGING

ADAPTER

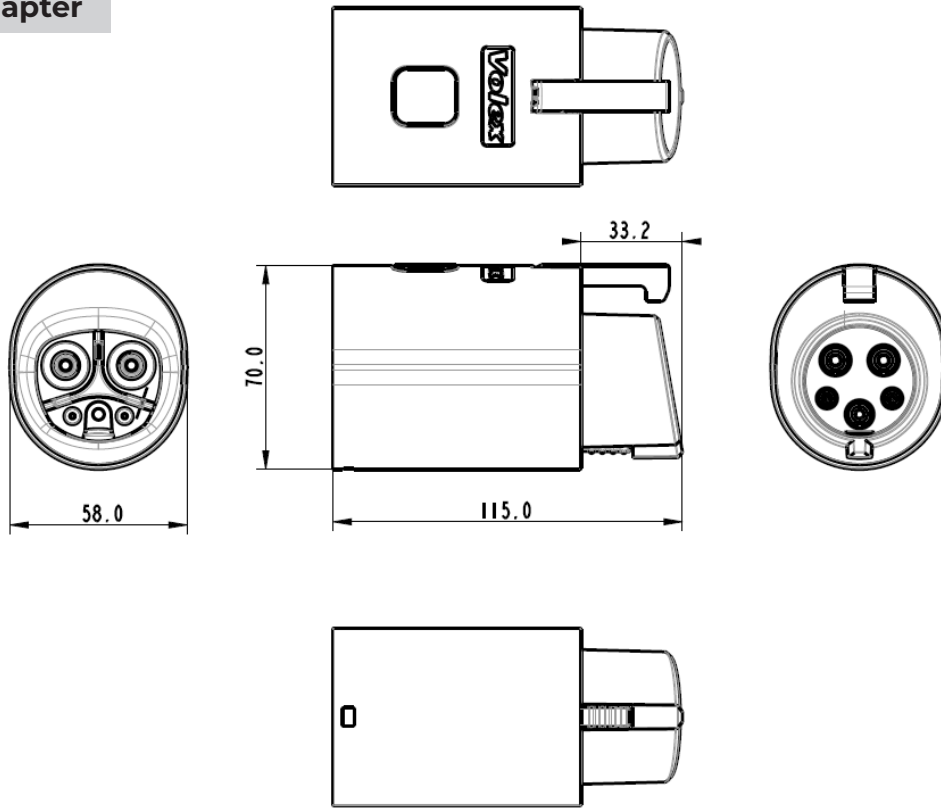


In development
Coming soon

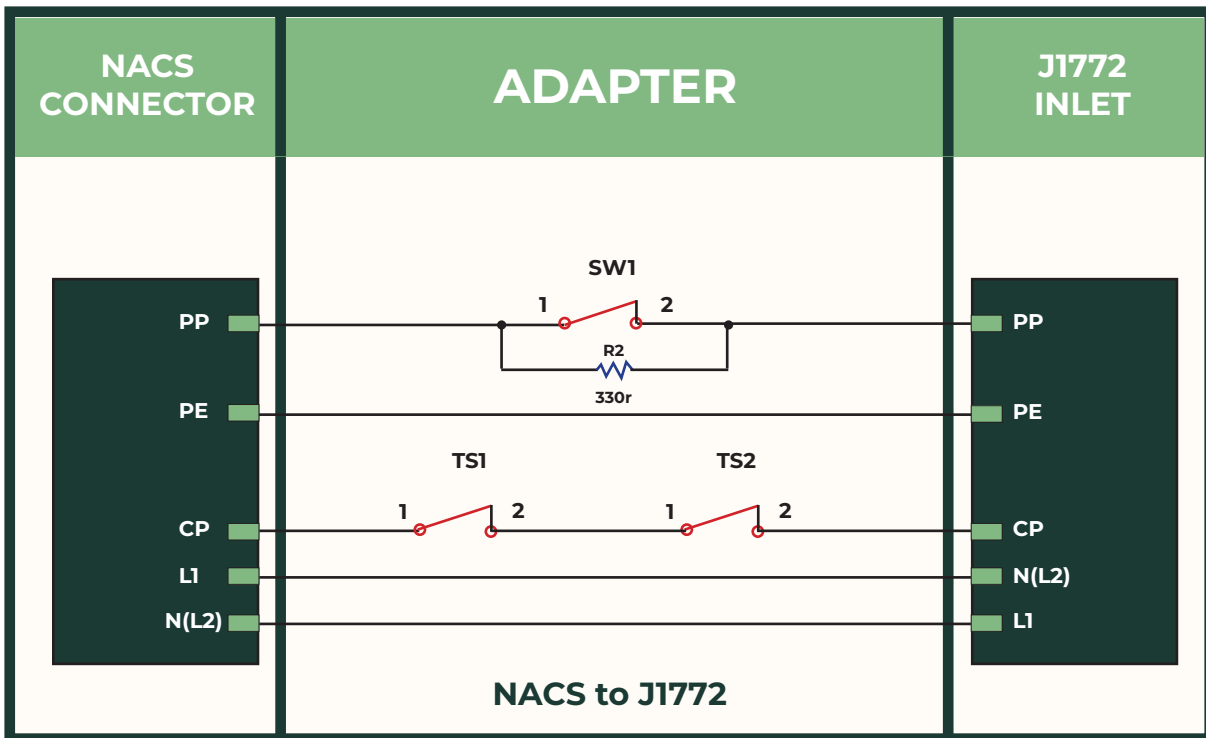
For prototypes please message sales@volex.com

PRODUCT DEFINITION	
Charging Standard	SAE: SAE J1772 SAE: SAE J3400
Standard / Regulations	IEC: IEC 62196-1 IEC: IEC 62196-2
Approvals & Certification	UL 2252
Charging Compatibility	AC Charging (Level 1 and Level 2)
DIMENSIONS OF ADAPTER	
Width	58.0 mm
Height	70.0 mm
Depth	115.0 mm
ENVIRONMENTAL SPECIFICATIONS	
Ambient Temperature (Operation)	-30°C to +50°C
Ambient Temperature (Storage / Transport)	-40°C to +80°C
Maximum Altitude	3,000 m (above sea level)
Operating Humidity	93% ± 2% RH, Condensing
Degree of Protection (Mated with Socket / Plug)	IP54
Degree of Protection (Adapter)	IP67 (unmated at both ends)
ELECTRICAL AND MECHANICAL PROPERTIES	
Rated Voltage	300V AC
Rated Current	Up to 80A
Rated Voltage for Signal Contacts	30V
Rated Current for Signal Contacts	2A
Insulation Resistance	≥ 100 MΩ
Mating Cycles (NACS Connector and J1772 Inlet)	≥ 10,000
Insertion Force and Withdrawal Force	< 100 N
MATERIAL	
Adapter Enclosure	Plastic
Terminal	Copper
Plating	Silver / Nickel Plating or On Request
Flammability Rating	UL 94 V-0

Outline of Adapter



Schematics of PCBA



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