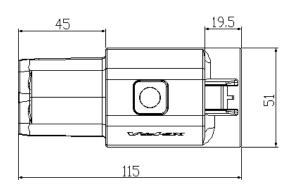
J1772 TO NACS

EV CHARGING ADAPTER

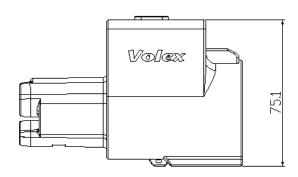


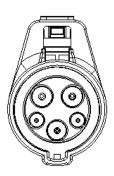


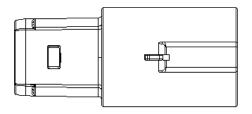
Charging Standard SAE J1772, SAE J3400 Standard / Regulations IEC 62196-1, IEC 62196-2 Approvals & Certification UL 2252 DIMENSIONS OF ADAPTER Width S1.0 mm Height 75.1 mm Depth 115.0 mm ENVIRONMENTAL SPECIFICATIONS Ambient Temperature (Operation) Ambient Temperature (Storage / Transport) Ambient Temperature (Storage / Transport) Operating Humidity Up to 90% RH, Condensing Degree of Protection (Mated with Socket / Plug) Degree of Protection (Adapter) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage Rated Current Up to 80A Rated Current for Signal Contacts 30V Rated Current for Signal Contacts 2A
Standard / Regulations IEC 62196-1, IEC 62196-2 Approvals & Certification UL 2252 DIMENSIONS OF ADAPTER Width 51.0 mm Height 75.1 mm Depth 115.0 mm ENVIRONMENTAL SPECIFICATIONS Ambient Temperature (Operation) Ambient Temperature (Storage / Transport) Ambient Temperature (Storage / Transport) Operating Humidity Up to 90% RH, Condensing Degree of Protection (Mated with Socket / Plug) Degree of Protection (Adapter) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage Rated Current Up to 80A Rated Current for Signal Contacts 2A
Approvals & Certification DIMENSIONS OF ADAPTER Width Fil.0 mm Height 75.1 mm Depth 115.0 mm ENVIRONMENTAL SPECIFICATIONS Ambient Temperature (Operation) Ambient Temperature (Storage / Transport) Ambient Temperature (Storage / Transport) Operating Humidity Degree of Protection (Mated with Socket / Plug) Degree of Protection (Adapter) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage Rated Current Up to 80A Rated Current for Signal Contacts 2A
Width 51.0 mm Height 75.1 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 3000 m (above sea level) Operating Humidity Up to 90% RH, Condensing Degree of Protection (Mated with Socket / Plug) IP54 Degree of Protection (Adapter) IP67 (Unmated) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage 250V AC Rated Current Up to 80A Rated Voltage for Signal Contacts 30V Rated Current for Signal Contacts 2A
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Ambient Temperature (Operation) Ambient Temperature (Storage / Transport) -40°C to +80°C 3000 m (above sea level) Up to 90% RH, Condensing Degree of Protection (Mated with Socket / Plug) IP54 Degree of Protection (Adapter) IP67 (Unmated) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage Rated Current Up to 80A Rated Voltage for Signal Contacts 30V Rated Current for Signal Contacts
Ambient Temperature (Operation) Ambient Temperature (Storage / Transport) -40°C to +80°C Maximum Altitude 3000 m (above sea level) Operating Humidity Degree of Protection (Mated with Socket / Plug) Degree of Protection (Adapter) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage Rated Current Up to 80A Rated Voltage for Signal Contacts 30V Rated Current for Signal Contacts
Ambient Temperature (Storage / Transport) Maximum Altitude Operating Humidity Degree of Protection (Mated with Socket / Plug) Degree of Protection (Adapter) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage Rated Current Up to 80A Rated Voltage for Signal Contacts 30V Rated Current for Signal Contacts 2A
Maximum Altitude Operating Humidity Degree of Protection (Mated with Socket / Plug) Degree of Protection (Adapter) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage Rated Current Up to 80A Rated Voltage for Signal Contacts Rated Current for Signal Contacts 2A
Operating Humidity Degree of Protection (Mated with Socket / Plug) Degree of Protection (Adapter) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage Rated Current Up to 90% RH, Condensing IP54 IP67 (Unmated) 250V AC Up to 80A Rated Voltage for Signal Contacts 30V Rated Current for Signal Contacts
Degree of Protection (Mated with Socket / Plug) Degree of Protection (Adapter) ELECTRICAL AND MECHANICAL PROPERTIES Rated Voltage Rated Current Up to 80A Rated Voltage for Signal Contacts Rated Current for Signal Contacts 2A
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Rated Voltage 250V AC Rated Current Up to 80A Rated Voltage for Signal Contacts 30V Rated Current for Signal Contacts 2A
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Rated Current Up to 80A Rated Voltage for Signal Contacts 30V Rated Current for Signal Contacts 2A
Rated Voltage for Signal Contacts Rated Current for Signal Contacts 2A
Rated Current for Signal Contacts 2A
Insulation Resistance ≥ 100 MΩ
Mating Cycles (J1772 Inlet and NACS Connector) ≥ 10,000
Insertion Force and Withdrawal Force < 100 N
MATERIAL
Adapter Enclosure Plastic
Terminal Copper
Plating Silver / Nickel Plating or On Request











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

www.volex.com EN (6/25)