



## Datasheet

# RS PRO type1(American),UL plug to open end, 5m cable,32A

Stock number: 177-4445

EN



### Applications:

Charging pile to electric vehicle electrical connection

### FEATURES:

Meet the SAE J1772 2010 standards

Nice shape,hand-held ergonomic design,easy to use

Safety design to prevent users from personal injury

Protection grade IP54(working condition)

Reliability of materials,antiflaming,environmental protection,abrasion resistance,impact resistance, oil resistance and Anti-UV

### Mechanical properties

Mechanical life:no-load plug in/pull out>10000 times

Insertion and Extraction Force:40N<F<80N

## Electrical Performance

Rated operating current: 32A  
Operating voltage: 120~240V AC  
Insulation resistance: >1000M $\Omega$  (DC500V)  
Terminal temperature rise: <50K  
Withstand voltage: 2000V  
Vibration resistance: Meet JDQ 53.3 requirements  
Contact Resistance: 0.5m $\Omega$  Max

## Applied Materials

Case Material: Thermoplastic, flame retardant grade UL94 V-0  
Contact bush: copper alloy, silver plating  
Sealing gasket: Silicon rubber

## Environmental performance

Operating temperature: -30 $^{\circ}$ C~50 $^{\circ}$ C

## Cable specification

Section: 3x6mm<sup>2</sup>+2x0.5mm<sup>2</sup>  
Cable length: 5m $\pm$ 0.5m  
Jacket: Black

