

Performance Characteristics

These tests were performed under strict laboratory controlled conditions and may vary depending on type of wire and terminal combinations, wire stripping methods, and maintenance or proper gauging and calibration of manufacturer's recommended tooling.

CHART 9072
Corrosion (Salt Spray) Test
48 hours, 5% NACL Fog

Class 1 Test Date 10/2021

Note: Specification Maximum: Voltage drop of equivalent wire length plus specification allowance.

Salt Spray (Corrosion Test)

- The purpose of this test, in which terminal samples are subjected to a fine mist of 5% salt solution for a specific time (48 hours), is to provide an accelerated laboratory conducted corrosion test.
- The curves shown on chart 9072 plot the final voltage drops (i.e., after subjecting the samples to salt spray), as called for in specification SAE AS7928. For a terminal to meet or exceed requirements, its voltage drop readings after test must fall below limits shown in the upper curve (final). All Hollingsworth Military approved terminals exceed SAE AS7928 Salt Spray (Corrosion) Test requirements.

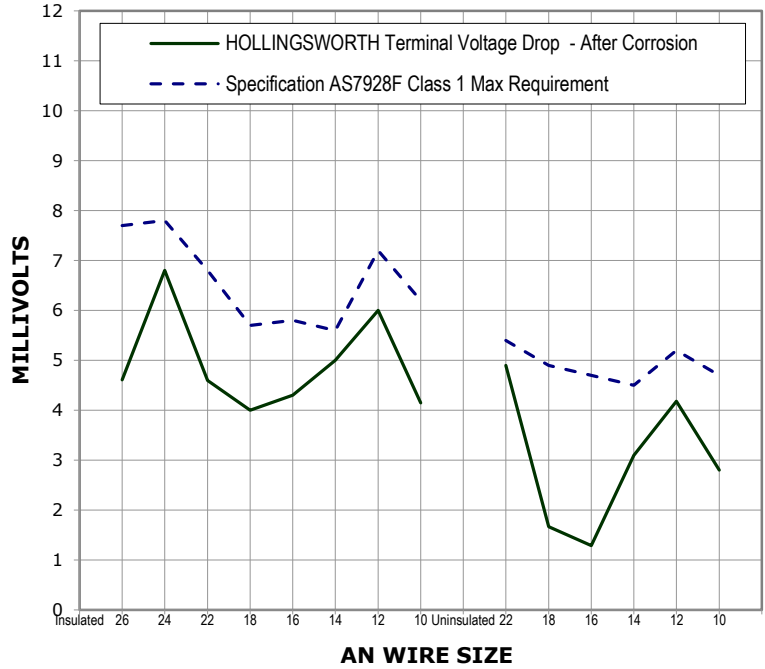


CHART 9074
Tensile Strength Test 26-10 AWG

Class 1 Test Date 10/2021

- The purpose of this test is to ensure secureness of the crimped terminal. The test is carried out as indicated under paragraph 4.7.8 of specifications SAE AS7928.
- After crimping the terminal to a suitable length of wire, it is placed in a standard tensile testing machine and sufficient force is applied to pull the wire out of the terminal, or break the wire or the terminal.
- The lower curve on chart 9074 plots the minimum pull-out force expected for the various wire sizes crimped. The upper curve plots average pull-out forces measured in actual tests on numerous samples. All Hollingsworth Military approved terminals exceed SAE AS7928 Tensile Strength requirements.

