Tool Specification

Part Number: WC-610M

Terminal: SPHD-001T-P0.5, SPAL-001T-P0.5

Application:

Crimp Position	Wire Size	Tensile Strength N (kgf)	Strip Length mm
26	26awg UL1007	20(2.0) min.	2.1
24	24awg UL1007	30(3.1) min.	2.1
22	22awg UL1061	40(4.1) min.)	2.1

- Select the appropriate crimp section based on the AWG to be used.
- The insulation barrel is set and cannot be adjusted.
- Replacement flap locator can be purchased when worn. The part number to order is WC-610M/P620/670P FLAP LOCATOR for the SPHD terminal or WC-610M-PAL FLAP LOCATOR for the SPAL terminal

WC-610M Calibration

1. Visually inspect crimp sections 26, 24 and 22 checking for abnormal wear, chips, or damage.
2. Insert a SPHD-001T-P0.5 or SPAL-001T-P0.5 terminal into the three slots on the flap locator and verify the contact is properly held.
3. Strip a 26 UL1007 wire to 2.1mm.
4. In crimp position 26, crimp an SPHD-001T-P0.5 or SPAL-001T-P0.5 terminal onto the 26awg wire.
5. Visually inspect the crimp for defects and large burrs.
6. Check the tensile strength and verify it meets the tensile strength requirement of 20N.
7. Strip a 24awg, UL1007 wire to 2.1mm.
8. In crimp position 24, crimp a SPHD-001T-P0.5 or SPAL-001T-P0.5 terminal onto the 24awg wire.
9. Visually inspect the crimp for defects and large burrs.
10. Check the tensile strength and verify it meets the tensile strength requirement of 30N.
11. Strip a 22awg, UL1061 wire to 2.1mm.
12. In crimp position 22, crimp a SPHD-001T-P0.5 or SPAL-001T-P0.5 terminal onto the 22awg wire.
13. Visually inspect the crimp for defects and large burrs.
14. Check the tensile strength and verify it meets the tensile strength requirement of 40N.
15. If all three sections pass the visual and tensile strength requirements the tool is within calibration requirements.