TYPICAL TERMINATION OF MULTI-CONDUCTOR CABLES IN FLUSH-MOUNTED SIDEWALK BOXES OR IN METAL ENCLOSURES

TYPICAL "TWO-WAY" SPlice OF MULTI-CONDUCTOR CABLES

TYPICAL "THREE-WAY" SPlice OF MULTI-CONDUCTOR CABLES (4-WAY SIMILAR)

TYPICAL "TAP" SPlicing FOR SINGLE CONDUCTOR WIRING

TYPICAL "TWO-WAY" SPlice OF 600-VOLT AND 5000-VOLT THERMOPLASTIC WIRE AND CABLE

NOTES:
- Connectors furnished and installed for splicing conductors in EGO-VOLT MCM-CONDUCTOR CABLES shall be 1/2-inch long and of the SLEEVE-BOBINEYE TYPE as illustrated with built-in butt stops and holding internal clamps about the tube to the external diameter of the wires. SMAA ...
- Connectors furnished and installed for splicing two (2) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing two (2) single-conductor cables to a single conductor cable. Thus, two (2) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and two (2) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing three (3) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing three (3) single-conductor cables to a single conductor cable. Thus, three (3) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and three (3) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing four (4) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing four (4) single-conductor cables to a single conductor cable. Thus, four (4) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and four (4) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing five (5) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing five (5) single-conductor cables to a single conductor cable. Thus, five (5) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and five (5) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing six (6) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing six (6) single-conductor cables to a single conductor cable. Thus, six (6) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and six (6) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing seven (7) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing seven (7) single-conductor cables to a single conductor cable. Thus, seven (7) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and seven (7) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing eight (8) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing eight (8) single-conductor cables to a single conductor cable. Thus, eight (8) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and eight (8) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing nine (9) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing nine (9) single-conductor cables to a single conductor cable. Thus, nine (9) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and nine (9) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing ten (10) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing ten (10) single-conductor cables to a single conductor cable. Thus, ten (10) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and ten (10) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing twelve (12) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing twelve (12) single-conductor cables to a single conductor cable. Thus, twelve (12) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and twelve (12) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing sixteen (16) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing sixteen (16) single-conductor cables to a single conductor cable. Thus, sixteen (16) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and sixteen (16) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing thirty-two (32) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing thirty-two (32) single-conductor cables to a single conductor cable. Thus, thirty-two (32) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and thirty-two (32) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing sixty-four (64) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing sixty-four (64) single-conductor cables to a single conductor cable. Thus, sixty-four (64) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and sixty-four (64) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing one hundred (100) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing one hundred (100) single-conductor cables to a single conductor cable. Thus, one hundred (100) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and one hundred (100) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing two hundred (200) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing two hundred (200) single-conductor cables to a single conductor cable. Thus, two hundred (200) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and two hundred (200) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing four hundred (400) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing four hundred (400) single-conductor cables to a single conductor cable. Thus, four hundred (400) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and four hundred (400) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.
- Connectors furnished and installed for splicing one thousand (1000) wires for each conductor No. 10 and copper wire to the wires of any other conductor No. 10 and No. 8, or for splicing one thousand (1000) single-conductor cables to a single conductor cable. Thus, one thousand (1000) MAULS COMPACT CONNECTORS shall be cemented onto splices as shown and one thousand (1000) insulators applied to each side of the transverse conductor of each connection. Such splice shall be provided with a minimum of 3 (3) TAPs placed 1/2-lap apart of plastic tape.

CONDUCTOR SIZE 'X' DISTANCE

- 1' - TO 4' AWAY 3-1/2' 3-1/2'
- 2' - 5' AWAY 3-1/2' 3-1/2'
- 5' - 10' AWAY 3-1/2' 3-1/2'

MINIMUM LENGTH OF CONNECTION:
- 1' for 600 Volt
- 2' for 5000 Volt non-shielded PVC insulated conductors

THIS STANDARD PLAN WAS DEVELOPED FOR USE ON PUBLIC UTILITIES COMMISSION PROJECTS IN THE CITY AND COUNTY OF SAN FRANCISCO, AND SHALL NOT BE USED WITHOUT CONSULTING A REGISTERED PROFESSIONAL ENGINEER, SFUC/PUC POWER RESERVES THE RIGHT TO MAKE REVISIONS TO THIS STANDARD PLAN AT ANY TIME.