

An IDEAL Company



For installation by a qualified electrician in accordance with national and local electrical codes and the following instructions. The suitability of this type of termination must be evaluated under the applicable safety standards for the end use application. Assemble contact to the cables according to the equipment manufacturer's assembly instructions. The following instructions are supplied as a reference.

Please Note: Instructions are included with each crimp tool for terminating specific contacts. Use APP® recommended tooling only. Alternative tools may adversely affect the performance of our connectors along with UL and CSA recognition.

ASSEMBLY INSTRUCTIONS

- Strip wire to 5/16 inches (7.9 mm) (Figure 1) taking care to avoid nicking or cutting of wire strands. Do not bend or twist strands too sharply.



Contact	AWG	mm ²
262G1	18-16	0.75-1.0
262G2	18-16	0.75-1.0
1332	18-16	0.75-1.0
261G1	16-12	1.0-2.5
1331	16-12	1.0-2.5
261G2	14-10	1.5-4.0
261G3	14-10	1.5-4.0

TERMINATION

- Manufacturer recommends termination by crimping. Crimped - Insert wire to the base of contact, then crimp. Note: indentation should fall in the middle of the barrel (see Figure 2). Use recommend crimp tools only. Crimping by other means may disturb contact position in housing and/or produce high resistance joints.



Figure 2

Wire Size		Reeled Part Numbers		Reeled Contact Crimp Tool				
AWG	mm ²	Tin Plating	Silver Plating	APP Applicator	APP Press	ATS or Applicator	ATS Press	Air Feed Kit *
SBS™ Mini Reeled Contacts								
#16 / 20	1.3 / 0.52	262G1	262G2	TD0101	115V= TE0101	1385519-1	1725900-2	1424266-1
#12 / 16	3.3 / 1.3	261G1	N/A		230V= TE0102	1385458-1		
#10 / 14	5.3 / 2.1	261G2	261G3					

NOTE: Insertion / Extraction tool for SBS™ Mini contacts = 111038G2

Wire Size		Loose Piece Part Numbers		Loose Piece Contact Crimp Tool				
AWG	mm ²	Tin Plating	Silver Plating	Hand Tool	Pneumatic or Bench Tool	Die	Locator	Number of Crimps
SBS™ Mini Loose Piece Contacts								
#16 / 20	1.3 / 0.52	N/A	1332	1309G2 or 1309G8	N/A	N/A	N/A	Single
#12 / 16	3.3 / 1.3	N/A	1331					
#16 / 20	1.3 / 0.52	262G1-LPBK	262G2-LPBK	1309G3 or 1309G8	N/A	N/A	N/A	Single
#12 / 16	3.3 / 1.3	261G1-LPBK	N/A					
#10 / 14	5.3 / 2.1	261G2-LPBK	261G3-LPBK					

* All ATS applicators for APP® contacts are air feed style, (except 1385870) and require the press to have an air feed kit installed.

Notes 1. For appropriate crimping die set, see APP® website tooling chart.

CONTACT INSERTION

Insert contact and wire into the housing from the rear. With the curved top side of the housing facing up, position contact as shown, hook down & crimp seam up (See Figure 3) and push forward so contact slips under the barrier and snaps over the end of the retaining spring (See Figure 4). A click will be heard and felt when the contact is properly inserted. Tug slightly to make sure contact is locked in place (See Figure 5).

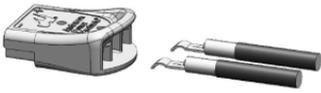


Figure 3



Figure 4



Figure 5

For small gage wire such as 18 AWG the insertion/extraction tool, part number 111038G2, should be used. The curve at the front of the tool would be placed around the exposed wire between the contact and the insulation (See Figure 6). This allows insertion force to be applied to the contact instead of the wire.



Figure 6

CONTACT REMOVAL

1. Switch off the power.
2. Position the connector with the Anderson Power Products logo facing up.
3. To remove the left contact, insert the extraction tool, part number 111038G2, (Figure 7a) on the left side of the connector, placing one of the forward prongs between the contact and the spring.
 - a. Rotate the tool to the left while pulling on the wires until the prongs cause the disengagement of the contact from the spring. (See Figure 7b)
4. To remove the right contact, insert the extraction tool, part number 111038G2, on the right side of the connector, placing one of forward prongs between the contact and the spring.
 - a. Rotate the tool to the right while pulling on the wires until the prongs cause the disengagement of the contact from the spring. (See Figure 7c)
5. Caution: If contacts are damage during extraction, replace the old contact with new contact.

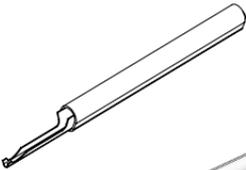


Figure 7a

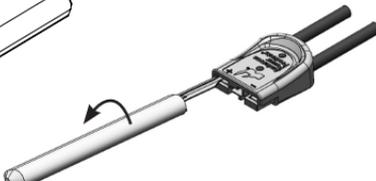


Figure 7b

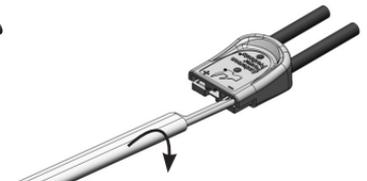


Figure 7c

CONNECTOR USAGE

1. Do not disconnect under load. Not for interrupting current.
2. Do not disconnect by pulling on the wires.
3. For use only in equipment where the acceptability of the combination is determined by UL / CSA or other applicable certification agencies and installed by a qualified electrician.

PATENT & TRADEMARK INFORMATION

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