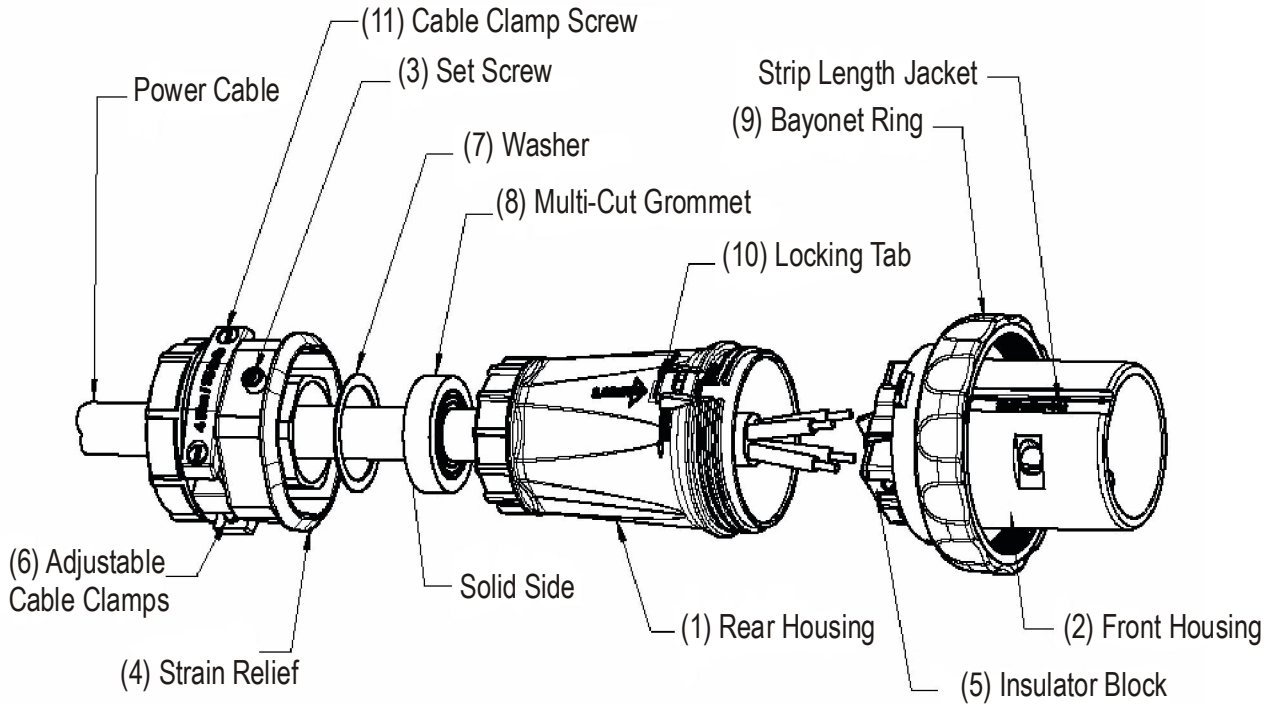


MENNEKES AM-TITE PLUG SERIES WIRING INSTRUCTIONS

Figure 1



All installations must comply with applicable local code, National Electric Codes and/or Canadian Electrical Code.

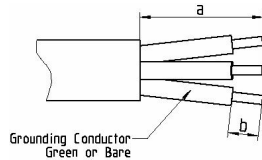
1. Disassemble plug as shown in Figure 1 by unscrewing the rear housing (1) from the front housing (2), loosening set screw (3) and unscrewing strain relief (4). It is not necessary to separate the insulator block (5) from the front housing. Do not disassemble the insulator block.

2. Strip the cable jacket and individual conductors per Table A.

Table A Terminal Wire Range and Stripping Guide

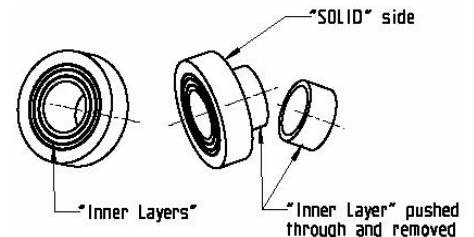
Amperes Rating	Strip Length (inches)		Terminal Wire Range (AWG) Extra Flex
	Jacket a	Conductor b	
60	2.68	0.87	#4-#6

Copper
Conductors
ONLY!



3. Slide strain relief (4) with adjustable cable clamps (6) and washer (7) over prepared cable.
4. Remove the "inner layers" from the mutli-cut grommet (8) until it slips over the power cable. Remove one layer at a time, by pushing through to solid side and tearing off. See Figure 2.
5. Slide cable through threaded opening of rear housing (1).

Figure 2



NOTE: PLUGS are to be used with Type G, W, S, SO, STO or equivalent "extra hard usage" portable cable w/copper conductors, per Table B and to National Electrical Code, Articles 400, 501-11 & 502-12 and/or Canadian Electrical Code, Sections 4-010, 18-120, 18-172, 18-218 & 18-276.

Table B

Cable Diameter Range

Amperes	4W Cable Dia. Range (inch)
60	0.50 - 1.45 for S,SO, STO .90-1.45 for G & W

CAUTION

The conductor size of the cord must be within the range specified in Table A.

Use cable with diameters within the specified range given in table above. Failure to do so may result in overstressed wire terminations which could cause the conductors to pull out of the terminals and cause serious/fatal personal injury and/or equipment damage.

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Figure 3

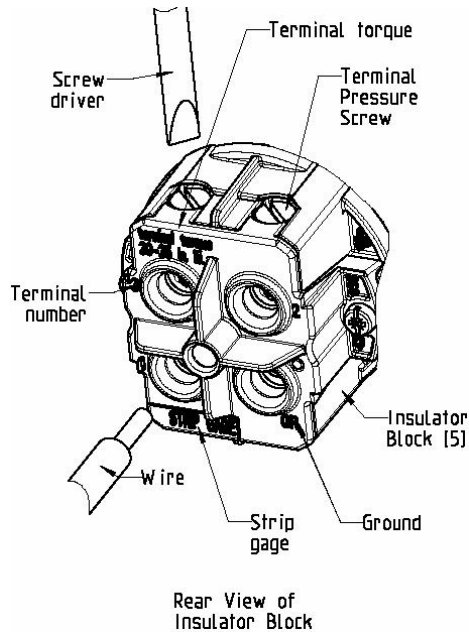


Figure 4

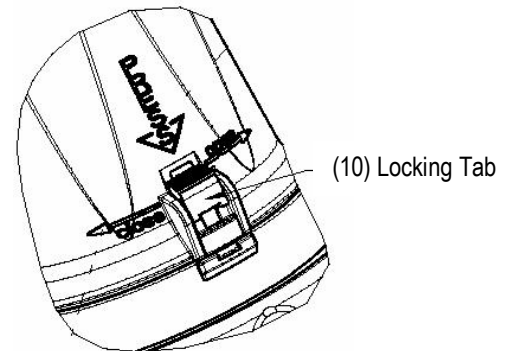


Table C
Torque values for Terminal Pressure Screws*

Amperes Rating	Torque (in.lb.)
60	30-35

***Note:** Each terminal should be torqued at full recommended value for 2 complete cycles: Tighten each screw in terminal for one cycle and repeat the process

CAUTION

Apply the next steps with care. Otherwise the plug will not be tight and/or the cable grip will not be correct. Risk of serious/fatal injuries due to electrocution could occur if steps are not completed properly.

6. Connect wires to proper terminals in insulator block. Back out terminal pressure screws if needed, but do not remove. Insert conductors including all strands into contact terminals according to the established wiring pattern. Conductors must bottom in contact terminal well. If stripped according to Table A the conductor insulation should extend below surface of insulator block. Tighten terminal pressure screws to the torque value listed in Table C. The terminal torque can be found on the insulator block, see Figure 3.
7. Thread rear housing (1) into front housing and align black locking tab (10) with receiving piece on front housing (2). Press tab (10) as arrow directs to secure rear and front housing together.
8. Slide multi-cut grommet (8) and washer (7) into threaded entry of rear housing (1) Screw strain relief (4) into rear housing (1) and torque per Table D. The torque value is located on the strain relief (4). Secure set screw in place so strain relief cannot turn.
9. Tighten cable clamp screws (11) around power cable to the torque in Table D. Alternate sides as needed to prevent binding.

TABLE D
Torque values for Strain Relief (4) and Cable Clamp Screws(11)

Amperes Rating	Torque value (in.lb.) for	
	(4) Strain Relief Nut	(11) Cable Clamp Screw
60	min. 66	35