20A & 30A LOCKING PLUGS & CONNECTORS
INSTRUCTION MANUAL

WARNINGS AND CAUTIONS:

- **TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING OR SERVICING!** To be installed and/or used in accordance with appropriate electrical codes and regulations.
- If you are not sure about any part of these instructions, consult an electrician.
- Use this device **ONLY WITH COPPER OR COPPER CLAD WIRE.**
- NOTE: Refer to NEC tables (in U.S.A.), article 400 for proper wire type and size for your application and load.

INSTALLATION

1. Loosen assembly screws in face and separate device body from housing. Lift strain relief and feed cable from back through housing **(NOT APPLICABLE TO FLANGED INLET AND OUTLETS).**
2. Strip cord jacket according to diagram **(ill. 1),** Strip insulation to expose 5/8" (1.6 cm) bare copper at end of each conductor (per diagram or strip gauge on device).
3. Fully back out terminal screws. Twist all strands of each conductor tightly together **(DO NOT TIN CONDUCTORS)**. Insert straight conductors into proper wire well and tighten terminal screw firmly to 10-14 in.-lbs. **CAUTION: TERMINAL SCREWS MUST TIGHTEN ONTO CONDUCTOR ONLY, NOT INSULATION.**
4. Re-attach device body to housing by aligning key guide. Tighten assembly screws. Firmly secure strain relief onto housing with clamping screws (leave strain relief insert in for smaller diameter cords; remove for larger diameter cords as per molded-in gage). Make sure that the cord jacket is being clamped uniformly while securing clamp. Tighten cord clamp screws alternately to 12-14 in.-lbs. The strain relief will accommodate cords according to the Chart **(NOT APPLICABLE TO FLANGED INLET AND OUTLETS).**
5. **FOR FLANGED INLETS AND OUTLETS:** Mount device to panel with screws provided.

3 Wire Wiring Chart for 20A & 30A Locking Devices										
NEMA #	**L5**	**L6**	**L7**	**L8**	**L9**	**L10**	**L11**	**L12**	**L13**	**L24**
Rating	125V	250V	277V AC/CA	480V AC/CA	600V AC/CA	125/250V	250V 3Ø	480V 3Ø	600V 3Ø	347V AC/CA
GROUND	**GREEN (G)**	**GREEN (G)**	**GREEN (G)**	**GREEN (G)**	**GREEN (G)**					**GREEN (G)**
NEUTRAL	**SILVER (W)**		**SILVER (W)**			**SILVER (W)**				**SILVER (W)**
HOT	**BRASS**	**BRASS (X)**	**BRASS**	**BRASS (X)**	**BRASS (X)**	**BRASS (X)**	**BRASS (X)**	**BRASS (X)**	**BRASS (X)**	**BRASS**
		BRASS (Y)		**BRASS (Y)**	**BRASS (Y)**	**BRASS (Y)**	**BRASS (Y)**	**BRASS (Y)**		
							BRASS (Z)	**BRASS (Z)**	**BRASS (Z)**	

NOTE: Bracketed letter refers to identification letter on back of module. **NOTE:** GREEN, SILVER and BRASS indicate the terminal screw color.
NOTE: GR denotes grounding

Device	Cord Range: AWG (diameter)	Cord Types
20A, 3-Wire	**16/3 to 10/3 (0.385 to 0.720)**	**S, SO, ST, STO, STW, STW-A, STOW-A, SOO, STOO**
20A, 4-Wire	**14/4 to 10/4 (0.560 to 0.775)**	
20A, 5-Wire	**14/5 to 10/5 (0.630 to 0.840)**	
30A, 3-Wire	**14/3 to 8/3 (0.520 to 0.930)**	
30A, 4-Wire	**14/4 to 8/4 (0.560 to 1.050)**	
30A, 5-Wire	**14/5 to 8/5 (0.630 to 1.150)**	

Strip Gage For 3-5 wire 20A & 30A Locking Devices

