SPLIT BOLT INSERT

LISTED 489 C WIRE CONNECTOR LR-237 69

CAT NO.	COPPER CONDUCTOR			WIRE DIAMETER RANGE (IN)	RECOMMENDED TORQUE (ILB-IN)
	RANGE OF EQUAL MAIN & TAP		MIN TAP WITH ONE MAX MAIN		
	MIN	MAX			
N-8	16 STR	8 STR	16 STR	.057 - .145	80
*N-8L	16 STR	8 STR	16 STR	.057 - .145	80
N-6	10 SOL	6 SOL	16 SOL	.102 - .162	165
*N-6L	10 SOL	6 SOL	16 SOL	.102 - .162	165
N-4	8 SOL	4 SOL	16 SOL	.128 - .204	165
*N-4L	8 SOL	4 SOL	12 SOL	.128 - .204	165
N-3	6 SOL	2 SOL	14 STR	.162 - .258	275
N-2	6 SOL	2 STR	14 STR	.162 - .292	275
*N-2L	6 SOL	3 SOL	14 SOL	.162 - .292	275
N-1/0	4 SOL	1/0 STR	14 STR	.204 - .375	385
N-2/0	2 SOL	2/0 STR	12 SOL	.258 - .418	385
N-3/0	2 SOL	2/0 STR	10 SOL	.258 - .470	500
N-250	1/0 SOL	250 MCM	8 SOL	.325 - .575	650
N-350	4/0 SOL	350 MCM	8 SOL	.528 - .682	650
N-500	250 MCM	500 MCM	8 SOL	.575 - .815	825
N-750	350 MCM	750 MCM	8 SOL	.682 - .999	1000
N-1000	500 MCM	1000 MCM	16 STR	.815 - 1.153	1100
N-6SP	14 STR	8 STR	14 STR	.073 - .146	165
N-4SP	10 STR	6 STR	10 SOL	.116 - .184	165
N-3SP	8 SOL	3 STR	8 SOL	.128 - .258	275
N-2SP	8 SOL	2 STR	8 SOL	.128 - .316	275
N-1/0SP	6 SOL	1/0 STR	10 SOL	.162 - .375	385
N-2/0SP	6 STR	2/0 STR	10 STR	.184 - .419	385
N-3/0SP	4 STR	3/0 STR	6 SOL	.198 - .470	500
N-250SP	4 STR	250 MCM	4 STR	.232 - .575	650
N-350SP	3/0 STR	350 MCM	1 SOL	.447 - .682	650
N-500SP	3/0 STR	500 MCM	1/0 STR	.447 - .815	825
N-750SP	250 MCM	750 MCM	2/0 STR	.563 - .999	1000
N-1000SP	350 MCM	1000 MCM	4/0 STR	.682 - 1.162	1100

FOR COPPERWELD SEE CATALOG SHEET

* WILL ACCOMMODATE THREE (3) WIRES OF MAXIMUM SIZE; "N-__L" TYPES ARE NOT CSA LISTED

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SPLIT BOLT INSERT

LISTED 489 C WIRE CONNECTOR LR-237 69

CAT NO.	COPPER CONDUCTOR			WIRE DIAMETER RANGE (IN)	RECOMMENDED TORQUE (ILB-IN)
	RANGE OF EQUAL MAIN & TAP		MIN TAP WITH ONE MAX MAIN		
	MIN	MAX			
N-8	16 STR	8 STR	16 STR	.057 - .145	80
*N-8L	16 STR	8 STR	16 STR	.057 - .145	80
N-6	10 SOL	6 SOL	16 SOL	.102 - .162	165
*N-6L	10 SOL	6 SOL	16 SOL	.102 - .162	165
N-4	8 SOL	4 SOL	16 SOL	.128 - .204	165
*N-4L	8 SOL	4 SOL	12 SOL	.128 - .204	165
N-3	6 SOL	2 SOL	14 STR	.162 - .258	275
N-2	6 SOL	2 STR	14 STR	.162 - .292	275
*N-2L	6 SOL	3 SOL	14 SOL	.162 - .292	275
N-1/0	4 SOL	1/0 STR	14 STR	.204 - .375	385
N-2/0	2 SOL	2/0 STR	12 SOL	.258 - .418	385
N-3/0	2 SOL	2/0 STR	10 SOL	.258 - .470	500
N-250	1/0 SOL	250 MCM	8 SOL	.325 - .575	650
N-350	4/0 SOL	350 MCM	8 SOL	.528 - .682	650
N-500	250 MCM	500 MCM	8 SOL	.575 - .815	825
N-750	350 MCM	750 MCM	8 SOL	.682 - .999	1000
N-1000	500 MCM	1000 MCM	16 STR	.815 - 1.153	1100
N-6SP	14 STR	8 STR	14 STR	.073 - .146	165
N-4SP	10 STR	6 STR	10 SOL	.116 - .184	165
N-3SP	8 SOL	3 STR	8 SOL	.128 - .258	275
N-2SP	8 SOL	2 STR	8 SOL	.128 - .316	275
N-1/0SP	6 SOL	1/0 STR	10 SOL	.162 - .375	385
N-2/0SP	6 STR	2/0 STR	10 STR	.184 - .419	385
N-3/0SP	4 STR	3/0 STR	6 SOL	.198 - .470	500
N-250SP	4 STR	250 MCM	4 STR	.232 - .575	650
N-350SP	3/0 STR	350 MCM	1 SOL	.447 - .682	650
N-500SP	3/0 STR	500 MCM	1/0 STR	.447 - .815	825
N-750SP	250 MCM	750 MCM	2/0 STR	.563 - .999	1000
N-1000SP	350 MCM	1000 MCM	4/0 STR	.682 - 1.162	1100

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	RANGE OF EQUAL MAIN & TAP		MIN TAP WITH ONE MAX MAIN		
	MIN	MAX			
N-8	16 STR	8 STR	16 STR	.057 - .145	80
*N-8L	16 STR	8 STR	16 STR	.057 - .145	80
N-6	10 SOL	6 SOL	16 SOL	.102 - .162	165
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N-4	8 SOL	4 SOL	16 SOL	.128 - .204	165
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N-3	6 SOL	2 SOL	14 STR	.162 - .258	275
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N-1/0	4 SOL	1/0 STR	14 STR	.204 - .375	385
N-2/0	2 SOL	2/0 STR	12 SOL	.258 - .418	385
N-3/0	2 SOL	2/0 STR	10 SOL	.258 - .470	500
N-250	1/0 SOL	250 MCM	8 SOL	.325 - .575	650
N-350	4/0 SOL	350 MCM	8 SOL	.528 - .682	650
N-500	250 MCM	500 MCM	8 SOL	.575 - .815	825
N-750	350 MCM	750 MCM	8 SOL	.682 - .999	1000
N-1000	500 MCM	1000 MCM	16 STR	.815 - 1.153	1100
N-6SP	14 STR	8 STR	14 STR	.073 - .146	165
N-4SP	10 STR	6 STR	10 SOL	.116 - .184	165
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N-2SP	8 SOL	2 STR	8 SOL	.128 - .316	275
N-1/0SP	6 SOL	1/0 STR	10 SOL	.162 - .375	385
N-2/0SP	6 STR	2/0 STR	10 STR	.184 - .419	385
N-3/0SP	4 STR	3/0 STR	6 SOL	.198 - .470	500
N-250SP	4 STR	250 MCM	4 STR	.232 - .575	650
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N-500SP	3/0 STR	500 MCM	1/0 STR	.447 - .815	825
N-750SP	250 MCM	750 MCM	2/0 STR	.563 - .999	1000
N-1000SP	350 MCM	1000 MCM	4/0 STR	.682 - 1.162	1100

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SPLIT BOLT INSERT

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CAT NO.	COPPER CONDUCTOR			WIRE DIAMETER RANGE (IN)	RECOMMENDED TORQUE (ILB-IN)
	RANGE OF EQUAL MAIN & TAP		MIN TAP WITH ONE MAX MAIN		
	MIN	MAX			
N-8	16 STR	8 STR	16 STR	.057 - .145	80
*N-8L	16 STR	8 STR	16 STR	.057 - .145	80
N-6	10 SOL	6 SOL	16 SOL	.102 - .162	165
*N-6L	10 SOL	6 SOL	16 SOL	.102 - .162	165
N-4	8 SOL	4 SOL	16 SOL	.128 - .204	165
*N-4L	8 SOL	4 SOL	12 SOL	.128 - .204	165
N-3	6 SOL	2 SOL	14 STR	.162 - .258	275
N-2	6 SOL	2 STR	14 STR	.162 - .292	275
*N-2L	6 SOL	3 SOL	14 SOL	.162 - .292	275
N-1/0	4 SOL	1/0 STR	14 STR	.204 - .375	385
N-2/0	2 SOL	2/0 STR	12 SOL	.258 - .418	385
N-3/0	2 SOL	2/0 STR	10 SOL	.258 - .470	500
N-250	1/0 SOL	250 MCM	8 SOL	.325 - .575	650
N-350	4/0 SOL	350 MCM	8 SOL	.528 - .682	650
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N-750	350 MCM	750 MCM	8 SOL	.682 - .999	1000
N-1000	500 MCM	1000 MCM	16 STR	.815 - 1.153	1100
N-6SP	14 STR	8 STR	14 STR	.073 - .146	165
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	RANGE OF EQUAL MAIN & TAP		MIN TAP WITH ONE MAX MAIN		
	MIN	MAX			
N-8	16 STR	8 STR	16 STR	.057 - .145	80
*N-8L	16 STR	8 STR	16 STR	.057 - .145	80
N-6	10 SOL	6 SOL	16 SOL	.102 - .162	165
*N-6L	10 SOL	6 SOL	16 SOL	.102 - .162	165
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N-3	6 SOL	2 SOL	14 STR	.162 - .258	275
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N-1000SP	350 MCM	1000 MCM	4/0 STR	.682 - 1.162	1100

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SPLIT BOLT INSERT
INSTALLATION INSTRUCTIONS

WARNING: FAILURE TO FOLLOW THE INSTALLATION INSTRUCTIONS SHOWN BELOW CAN CAUSE A CONDITION OF SEVERE CONNECTOR OVERHEATING AND RELATED HAZARDS.

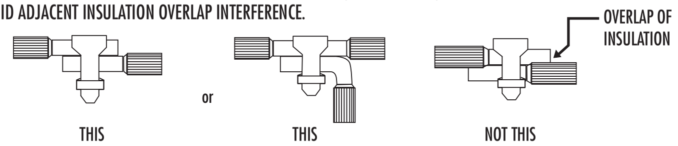
A. “N” type split bolts accommodate two connectors only; copper to copper, copperweld to copperweld or copper to copperweld.
   - * They are UL listed for use on any combination of copper or copperweld conductors within the range of the connector.
   - * They are both UL and CSA listed for use on copper conductors within the range of the connecter.

B. “N-___L” type split bolts accommodate two or three conductors only, copper to copper, copperweld to copperweld or copper to copperweld. “N-___L” types are not CSA Listed.

C. “N-___SP” type split bolts accommodate two conductors only.
   - * They are UL listed for use on any combination of copper or copperweld conductors within the range of the connector.
   - * They are both UL and CSA listed for use on copper conductors within the range of the connecter.

INSTALLATION PROCEDURE

1. Match the conductor range of the connector with the conductors to be connected. Main and tap ranges are different. See chart on reverse side.
2. On insulated conductors, strip the insulation to a sufficient length for clamping contact and to AVOID ADJACENT INSULATION OVERLAP INTERFERENCE.



When stripping insulation, be careful not to nick the conductor strands. A proper insulation stripping tool or use of pencil shaving method is recommended.

3. Conductor contact surface should be thoroughly cleaned by use of a stiff wire brush orabrasive cloth to abrade surface.
4. For splice connections, position and insert wire through connector from opposite sides to sufficient depth to allow full clamp contact. Clamp finger tight; then final torque to proper value shown in table on reverse side.
5. For tap connections, remove nut with pressure bar, place body over main wire, and replace nut with pressue bar. Insert tap wire to sufficient depth to allow full clamp contact. Clamp finger tight; then final torque to proper value shown in table on reverse side.

* Note: When connector is supplied with a cable separator (spacer) “N-___SP” type, spacer must be located between the main and tap wires with radius side facing nut and pressure bar.

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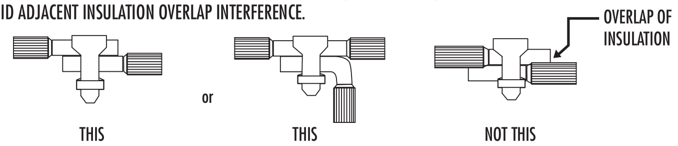
A. “N” type split bolts accommodate two connectors only; copper to copper, copperweld to copperweld or copper to copperweld.
* They are UL listed for use on any combination of copper or copperweld conductors within the range of the connector.
* They are both UL and CSA listed for use on copper conductors within the range of the connecter.
B. “N-___L” type split bolts accommodate two or three conductors only, copper to copper, copperweld to copperweld or copper to copperweld. “N-___L” types are not CSA Listed.
C. “N-___SP” type split bolts accommodate two conductors only.
* They are UL listed for use on any combination of copper or copperweld conductors within the range of the connector.
* They are both UL and CSA listed for use on copper conductors within the range of the connecter.

INSTALLATION PROCEDURE

1. Match the conductor range of the connector with the conductors to be connected. Main and tap ranges are different. See chart on reverse side.
2. On insulated conductors, strip the insulation to a sufficient length for clamping contact and to AVOID ADJACENT INSULATION OVERLAP INTERFERENCE.



When stripping insulation, be careful not to nick the conductor strands. A proper insulation stripping tool or use of pencil shaving method is recommended.
3. Conductor contact surface should be thoroughly cleaned by use of a stiff wire brush orabrasive cloth to abrade surface.
4. For splice connections, position and insert wire through connector from opposite sides to sufficient depth to allow full clamp contact. Clamp finger tight; then final torque to proper value shown in table on reverse side.
5. For tap connections, remove nut with pressure bar, place body over main wire, and replace nut with pressue bar. Insert tap wire to sufficient depth to allow full clamp contact. Clamp finger tight; then final torque to proper value shown in table on reverse side.

* Note: When connector is supplied with a cable separator (spacer) “N-___SP” type, spacer must be located between the main and tap wires with radius side facing nut and pressure bar.

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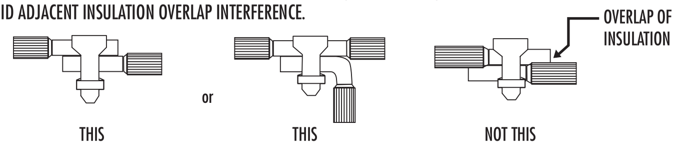
SPLIT BOLT INSERT
INSTALLATION INSTRUCTIONS

WARNING: FAILURE TO FOLLOW THE INSTALLATION INSTRUCTIONS SHOWN BELOW CAN CAUSE A CONDITION OF SEVERE CONNECTOR OVERHEATING AND RELATED HAZARDS.

A. “N” type split bolts accommodate two connectors only; copper to copper, copperweld to copperweld or copper to copperweld.
* They are UL listed for use on any combination of copper or copperweld conductors within the range of the connector.
* They are both UL and CSA listed for use on copper conductors within the range of the connecter.
B. “N-___L” type split bolts accommodate two or three conductors only, copper to copper, copperweld to copperweld or copper to copperweld. “N-___L” types are not CSA Listed.
C. “N-___SP” type split bolts accommodate two conductors only.
* They are UL listed for use on any combination of copper or copperweld conductors within the range of the connector.
* They are both UL and CSA listed for use on copper conductors within the range of the connecter.

INSTALLATION PROCEDURE

1. Match the conductor range of the connector with the conductors to be connected. Main and tap ranges are different. See chart on reverse side.
2. On insulated conductors, strip the insulation to a sufficient length for clamping contact and to AVOID ADJACENT INSULATION OVERLAP INTERFERENCE.



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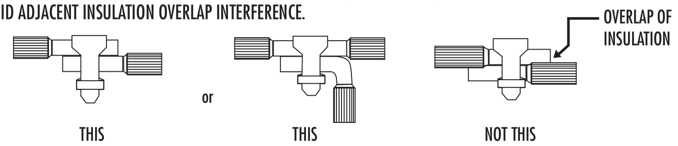
INSTALLATION PROCEDURE

1. Match the conductor range of the connector with the conductors to be connected. Main and tap ranges are different. See chart on reverse side.
2. On insulated conductors, strip the insulation to a sufficient length for clamping contact and to AVOID ADJACENT INSULATION OVERLAP INTERFERENCE.



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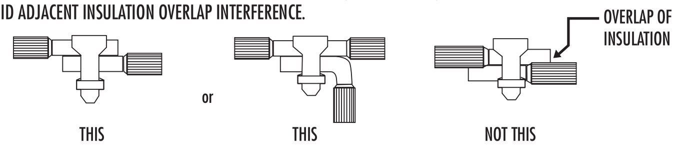
* They are both UL and CSA listed for use on copper conductors within the range of the connecter.

INSTALLATION PROCEDURE

1. Match the conductor range of the connector with the conductors to be connected. Main and tap ranges are different. See chart on reverse side.
2. On insulated conductors, strip the insulation to a sufficient length for clamping contact and to AVOID ADJACENT INSULATION OVERLAP INTERFERENCE.



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INSTALLATION PROCEDURE

1. Match the conductor range of the connector with the conductors to be connected. Main and tap ranges are different. See chart on reverse side.
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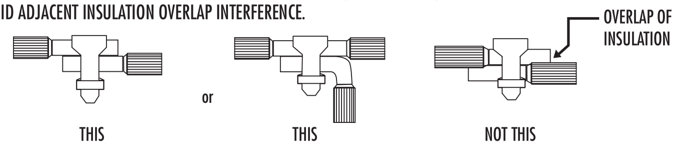

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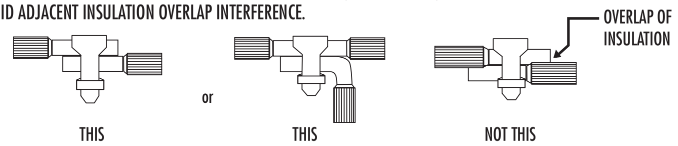

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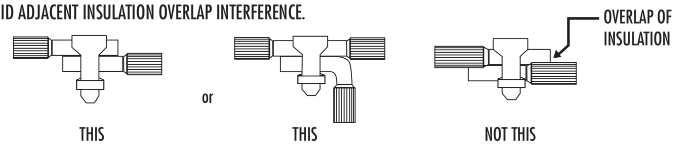

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