



Certification Record

CUSTOMER	CLASS	FILE
Tyco Electronics Corporation P.O. Box 3608, MS 18-11 Harrisburg, PA, 17105-3608 USA	<u>6223-02</u> WIRE CONNECTING DEVICES-Wire Connectors Refer to Class Description for program details	007189-C-000

TO THE REQUIREMENTS OF CSA Standards C22.2 NO 65 or 188

- Solderless-type, for installation on wires by means of special hand or power tools: Certified for use with electrical equipment where the suitability of the combination is determined by the Canadian Standards Association or the electrical inspection authorities.
- Non-insulated terminal types: "Diamond-Grip", "Standard B", "Flag", "U-Grip", "Auto-Crimp", "Ignition" (Cat No 34482), "Solistrand".
- Non-insulated terminal, butt and parallel connectors, Type C.
- Separable cable type, insulated, 300V, Cat Nos 1-321235-0, 1-321235-1.
- Terminal type, PVC insulated, 90C, 600V (1000V in fixtures) for AWG 22-12 solid and 22-10 stranded copper conductors, Type Plasti-Grip ribbed, 22-16 AWG, 16-14 AWG, 12-10 AWG; Series PIDG, 150C, 300V (terminal), 600V (splice), 22-10 AWG copper conductors.
- Type "PLYR-TAP" terminal connector, 300V, 105C, Cat Nos 54420, 54421, 54422, 54423 with Suffix 1, 2 or 3.
- Type "Electro-Tap", pressure cable connectors, 300V, 105C, Cat Nos 53440-1, -4, -5 for Nos 14 to 18 AWG copper wire; 53440-2, -3, -6 for Nos 18 to 20 AWG copper wire.
- SOLISTRAND, uninsulated ring terminal Part No 55934; ring tongue bent 90 degree terminals, Cat Nos 31812-1, 33115-1, 33466-1, 35743, 36922-1, 36929-1, 55815-2, 55816-2, 321867-1, 321874-1 and 322870-1.
- "PLASTI-GRIP" ring terminals, right angle bend tongue, vinyl insulation, rated 90C, 300V, Cat Nos 54725-1 (8 AWG), 54748-1 (4 AWG), 54753-1 (6 AWG), 55654-1 (8 AWG), 54754-1 (2 AWG), 55655-1 (2 AWG), for copper conductors.
- Open barrel ring and spade crimp-type connectors, copper or copper alloy, plain or plated, Series 34800, 40000, 41000, 42000, 60000, 61000, 62000, 80100, 170,000, 350,000, 485,000, 640,000; Cat No 63628 for factory assembly to Nos 22 AWG to 6 AWG stranded copper conductors with power-operated tools. Last three zeros of series numbers are by numbers and additional suffix numbers may be added.
- Open barrel ring terminals, uninsulated, Part Nos 173635-1 to 173638-1, 173661 (Certified for grounding purposes only).
- Open barrel, ring type connectors, uninsulated, copper alloy, plain or plated, Cat Nos 80131, 80132, 80133, for factory assembly to Nos 18 to 14 AWG stranded copper conductors with power operated tools.
- Spring spade terminal, uninsulated, Part Nos 63610-1, 63610-2.

Note: These wire connectors are Certified for sale only to manufacturer's, as components for the assembly of Certified electrical equipment.

- Type AMPPOWER II compression terminals and splices, Series 6062XX with prefixes and suffixes, for sizes 4 AWG to 750 MCM stranded copper conductors.
- Non-insulated terminal, butt and parallel connectors, one or two Type C Crimps "AMPPOWER" connectors for No 4 AWG to 1000 MCM AWG stranded copper conductor.
- Type AMPPOWER II compression terminals and splices, Series 6062XX with prefixes and suffixes, for Sizes 8 to 750 MCM stranded copper conductors.
- Non-insulated terminal butt and parallel splices, "Solistrand", No 4 AWG to 600 MCM AWG.
- Insulated terminal butt and parallel connectors, 300V, 105C Type "Plasti-Grip" No 4 to No 2/0 AWG.

- Series "Plasti-Strip", ring and spade terminals, tin plated copper alloy, Types 1-4, for single or two stranded copper wires, (Red) 22-18 AWG (2) 22 AWG, (2) 20 AWG, (1) 22 AWG and (1) 20 AWG, (Blue) 16-14 AWG, (2) 18 AWG, (1) 22 AWG and (1) 18 AWG, (1) 20 AWG and (1) 18 AWG, (1) 22 AWG and (1) 16 AWG, (1) 20 AWG and (1) 16 AWG, (1) 18 AWG and (1) 16 AWG, strip or loose pieces P/N, nylon insulation, rated 105C, 600V, for assembly with automatic crimping tool.
- Plasti-Strip terminals, ring and spade types, Series 520000 with prefixes and suffixes, nylon insulation, rated 125C, 600V for single copper conductors, sizes 22-10 AWG, in strip and loose form, assembling using AMP automatic machines or hand tools.
- Wire connector, power ring special use terminals, Part Nos 520346-1, 520347-1, 520892-1, 520893-1, 520936-1, 520937-1, 520940-1, 520941-1, 520943-1, 520944-1, 520989-1, 520990-1, one or two wire stranded copper conductors.

Notes:

1. These power ring terminals are factory wired, inserted and locked into appliance mounted terminal blocks.
 2. These power ring terminals are intended for use in commercial appliances where the acceptability of the end use application is determined by Canadian Standards Association.
- UDC connectors Types I, II, III, IV, V, VI, VII, VIII, A, B, C, D, E, G; Part Nos 44403-1, 444033-1, 444385-1, 881781-1, 881783-1, 881785-1, 881787-1, 881789-1, 688652-1, 688653-1, 688654-1, 688655-1, 688656-1, 688657-1, AL9CU rating, for copper and/or aluminum conductors. TO THE REQUIREMENTS OF CSA STANDARD C22.2 NO 188: Closed end splices for combinations using solid or stranded copper conductors:
 - Type EC, 105C, 300V, Cat Nos 324067; 2-324067-1; 53951-1; 600V max, building wire, (1000V max in luminaires and signs), 53915-1, 53915-4, 53224-1, 53224-2, 324067, 2-324067-2, 328400, 328730; 55929-1, 696038, rated 150C, 600V.
 - Type ECN, 105C, 300V, Cat Nos 330718, 1-330718-0, 324222, 330905, 35115, 1-35115-0, 35653, 2-35653-1; 55927, 1-55927-0, rated 150C, 300V.
 - Type ECV, 90C, 300V, Cat No 330021; 1-330021-0; 600V max, building wire, (1000V max in luminaires and signs) 53224-1, 53234-1, 320788, 321519, 2-321519-2, 328890, 2-328890-2, 329251, 55808-1, 55843-1.
 - Type ECVG, 90C, 600V, max, building wire, (1000V max in luminaires and signs), Cat No 50920.
 - Type VS, 90C, 300V, Cat Nos 34304, 34306, 34308, 34349, 34350, 34864, 34865, 36964, 2-36964-2, 36965, 1-36965-1, 322666, 328375, 2-328375-1, 2-328375-3.
 - Non-insulated butt splices, Type "Diamond Grip" No 22-10 AWG solid and stranded copper conductors.
 - Non-insulated butt and parallel splices "SOLISTRAND", No 22-6 AWG copper conductors.
 - Insulated butt and parallel splices, 600V, 105C, Type PIDG; No 22 to No 10 AWG 600V, Type "Plasti-Grip" No 22 to No 6 AWG copper conductors.
 - Non-insulated terminals connectors, Type "Diamond Grip", butt splices, No 22 to 10 AWG, Cat Nos 32477, 31834, 322949, 32480.
 - Non-insulated "SOLISTRAND", butt splices No 22 AWG to 6 AWG Cat Nos 31818, 31819, 32151, 324893, 327075, 33189, 330367 - 330369, 34321, 34322, 36886, 36906; parallel splice, Cat Nos 34130, 34137, 34138, 34318, 34319.
 - Parallel splices PREMISE "COPALUM", Cat Nos (608501-1, 608502-1), AL-CU rating, 12-10 AWG solid aluminum, 14-12 AWG solid copper conductors, rated 90C max, 300V max when used with heat shrink tubing, dry locations only.
 - Spark suppressor connector, pressure type, insulated, 120C max, 250V; Cat No 172006-1 (housing), 170284-1 (contacts) for No 22 AWG to No 20 AWG copper conductor, solid or stranded; for specified diode dimensions. Sold only to manufacturers for the assembly of certified electrical equipment.
 - Wire connector, "C-Lok", splicing type, Part Nos 81663-1, -2, -3, -4, -5, -6, -7, -8, -9, -0, 1-81663-1, 81663-2, 109487-1, 109487-2, copper conductors only.
 - Wire connectors, non-insulated "Shur Plug", male plug Part Nos 61891-1, 61891-2; female socket Part Nos 42142-1 and 42142-2.
 - Wire connector, insulation piercing type "AMP-Barrel Terminal", Part Nos 552699, 552770, 552967 and 553015 with prefix or suffix to denote loose piece, strip form, standard reeling, etc., (refer to -392A for details).
 - Un-insulated grounding ring terminals steel plated or unplated, Series 300000, 40000, 400000, 60000, 600000, for single No 22-10 AWG, stranded copper conductors.

Note: Series 81663 are also listed under Class 4414 04.

- Open barrel splices, uninsulated, Part Nos 40509, 40552, 40868, 41282, 41313, 41459, 41974, 41975, 41996, 485043-1, 485043-2, 60372-1, 60372-2, 60997-1, 61299-1, 61299-2, 61299-3, 61492-1, 62754-1 to 62754-4, 62759-1, 63130-2, 63130-3, 63625-1, 10-22 AWG stranded copper conductors.

- Wire connectors, "MINIWEDGE", Series 83393, 83394, 83447, X-83592-X, 2-83623-0, 1-83623-0 to -9, 83623-1 to -9, 1-83630-0, 83630-1 to -9, 1-83631-1 to -9, 1-83631-1 to -9.
- Close End Splice crimp connectors Type EC, Cat No. 328730, rated 300V or 600V, 105°C for Nos 10-22 AWG solid or stranded copper conductors.

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