



CERTIFICATION RECORD

The company named below has been authorized by CSA to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (Including additional Markings).

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CLASS 6228 01 (Re-examination Service)

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FACTORIES

64803



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F2 Takino Plant
355-18 Aza-Kuroishi, Oaza-Kohtaka
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WIRE CONNECTING DEVICES - Terminal Assemblies

TO THE REQUIREMENTS OF CSA STANDARD C22.2 NO 158-1987 AND E.C.N. 584B:

- Terminal blocks, Series BA, 1- or 3-pole rail mounted provided with screw, pressure plate or box type terminal connections for copper wire or cable lug, max ratings: Models BA111TU2, 300V, 15A, 22-14 AWG; BA211TU, 300V, 20A, 22-12 AWG; BA311TU, 150V, 30A, 18-10 AWG; BA2L11TU, 150V, 20A, 22-12 AWG; BA411SU, 600V, 40A, cable lug.

- Terminal blocks, 300V, 10A max, for use with No 16 to 20 AWG, solid copper conductors, Cat No BDK5U, surface or rail mount.

- Terminal blocks, 300V, 10A max, for use with copper conductors terminated with CSA Certified insulated ring or spade type terminals on No 16 to 20 AWG, Cat No BD7U, surface or rail mount.

- Terminal blocks, surface or rail mount, 300V, 15A max, Cat Nos BD8U, BD8SU, for use with Nos 14 to 20 AWG, copper conductors terminated with CSA Certified insulated ring or spade type terminals.

- Terminal blocks, Series BN and BNH, rail mounted sectional type, provided with screw to screw pressure plate type terminal connection for copper wire (Types BN15U, BN15LU and BN30U only), or cable lug, max ratings; 300V, Types BN15U, BNH15U, 10A, BN15LU, BNH15LU, 15A, BN30U, BNH30U, 30A.

- Terminal blocks, series tabulated below, sectional, rail or surface mount, for use with insulated copper conductors terminated in CSA Certified insulated ring terminals.

Series	Fb	Amp (Max)	Volts	Spacings Groups	Wire Range (AWG/MCM)	Terminal Scr/St	Torque (N.m)
BN, BNH	10W	10	600	B,C,D	16-22	M3	0.6-1.0
	15MW	10	600	C	14-22	M3	0.6-1.0
	15MWT	10	600	B,C,D	14-22	M3.5	1.0-1.3
BND, BNDH	15W	10	600	B,C	14-22	M3	0.6-1.0



BN, BND, BNDH, BNH BN, BNH	15LW 15LWT 30W 40W 50U or 50W 75U or 75W 150U or 150W 200BW, 200NW 300BW, 300NW 400BW, 400NW 500BW, 500NW 600BW 600NW	15 15 30 40 50 50 75 75 150 150 200 200 310 310 350 500 500 600 600 600	600 600 600 600 600 600 600 600 600 600 600 600 600 600 600 600 600 600 600 600	B,C B,C,D C B,C,D,E B,C B,C C B,C,D,E B,C,D,E B,C,D,E B,C,D,E B,C,D,E B,C,D,E B,C,D,E B,C,D,E B,C,D,E B,C,D,E B,C,D,E B,C,D,E B,C,D,E	14-22 14-22 10-18 8-16 6-16 4-16 1/0-16 4/0 300 400 600(1C) or 350 (2C) 600(1C) or 300 (2C) 600(1C) or 350 (2C)	M3.5 M4 M4 M5 M5 M6 M8 M10 M10 M12 M16 M12 M16	1.0-1.3 1.4-2.0 1.4-2.0 2.6-3.7 2.6-3.7 3.9-5.4 10-13.5 21-28 21-28 38-49 83-116 38-49 83-116
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LEGEND: "Fb" followed by; "Scr/St" Screw (or bolt) or stud with nut on front and back "(1C)" one conductor; "(2C)" two conductors.

- Terminal blocks, switch type, Cat No BNT20W, 20A max, 600V, 1.4 to 2.0N.m torque, for Types B, C, D spacings and for use with Certified insulated ring or spade type wire connectors crimped onto Nos 10 to 16 AWG stranded or solid copper conductors.
- Terminal blocks, Series BP, 250V max, 15A max (10A for rear tab and wire wrap types), Models BP1..., BP2..., BP3..., BP4..., BP5..., BP6..., BP7..., 20A max, BP8...
- Terminal blocks, Series BP...S, 250V max, 10A max (6A for rear tab and wire wrap types) Models BP1...S, BP2...S, BP3...S, BP4...S, BP5...S.
- Terminal blocks, 250V max, for use with copper conductors, stranded Nos 16 to 20 AWG, Cat No Types BP...A, 10A max, stranded Nos 14 to 18 AWG, BP...K, 15A max, solid or stranded Nos 12, 14 AWG, BP...L, 20A max, solid or stranded Nos 14 to 18 AWG, BP...M, 15A max. Suffix "U" is added to the catalogue number type designation to indicate Certified types.
- Terminal blocks, Series BP101V, Cat Nos BP101V-..U (where ".." is a number ranging from 2 to 15 which denotes number of terminals), 15A, 250V, 1.0-1.3Nm torque, for use with Nos 14-18 AWG copper conductors.
- Terminal blocks provided with screw and pressure plate terminals for copper wire, Cat Nos BTBH15LCU, 300V, 15A, 14-22 AWG, BTBH30CU, 300V, 30A max, 10-18 AWG.





- Terminal blocks, for modular rail mounting on a groove rail, provided with screw to screw pressure plate type terminal connections for solid or stranded copper wire; 10A, 300V, Cat No BN15MU, for No 14 AWG to 22 AWG; or for use with CSA Certified terminations, 15A, 300V, Cat No BNH15MU.
- Terminal blocks, surface mount, provided with screw to screw pressure plate type terminal connections for solid or stranded copper wire, 10A, 300V, Cat Nos BTB15CU, BTBH15CU, for No 14 AWG to No 22 AWG; 15A, 300V, Cat No BTB15LCU, for No 14 AWG to 22 AWG; 30A, 300V, Cat No BTB30CU, for No 10 AWG to 18 AWG; and for use with CSA Certified terminations, 50A, 600V, Cat Nos BTB50CU, BTBH50CU.
- Terminal block, Model BN100W, 10A, 600V, for crimping conductors 16-2 AWG.
- Terminal blocks, rated 10A, a tightening torque of 1.4 to 2.0 Nm, suitable for 18-10 AWG solid and stranded wire types, Models BNF10W, BNF10SW, BAF111SU, rated 600 V; Models BNF10NW, BAF111SNU, rated 300 V; Models BNF10DW, BAF111SDU, rated 24 V.
- Terminal blocks, pc board mount type, provided with screw and pressure plate terminals for solid or stranded copper conductors, Series BL2, Cat Nos BL2B with suffixes, 250 V ac, 10 A, wire range 18-16 AWG, assigned torque 0.6-1.0 Nm, BL2C with suffixes, 250 V ac, 15 A, wire range 18-14 AWG, assigned torque 1.0-1.3 Nm, BL2E with suffixes 250 V ac, 20 A, wire range 18-12 AWG, assigned torque 1.4-2.0 Nm.

Notes:

1. Numbers are included in the above Cat No type designations to denote terminal types. Suffixes may be added to denote the number of circuits.
2. Terminal blocks with rear tab and wire-wrap type terminals have reduced current ratings to be suitable for the size of wire used for connection to the rear tab and wire-wrap type terminals, and to be suitable for the end use in the Certified equipment in which the terminal blocks are used and to limit the temperature rise to 30C maximum.
3. Terminal blocks, Cat No Types BP...A, BP...K, have the conductors assembled to the terminal screw (has no clamp plate) by means of Certified crimp-on ring or spade type wire connectors only; BP...L, BP...M have the conductors assembled to the terminal screw (has clamp plate) by means of Certified crimp-on ring or spade type wire connectors or have the conductors assembled directly (under the clamp plate) to the terminal screw.
4. Suffix "U" is added to terminal blocks, Series BP and BP...S to indicate Certified models. Suffix "CU" is optional for Cat Nos BTBH15LCU, BTBH30CU, BTB15CU, BTBH15CU, BTB15LCU, BTB30CU, BTB50CU and BTBH50CU.
5. Barriers may be necessary in certain applications to insure proper spacing.
6. Types BN15U, BNH15U, BN15LU, BNH15LU and Cat No BTBH15LCU terminal blocks are only used with connections made by means of specified ring crimp-on wire connectors attached to the conductors.
7. For Models BP81 and BP82 the conductor insulation is within the barrier when two conductors are installed beside the same barrier (for the Spacing Type B designation).
8. Terminal block, switch type, Cat No BNT20W is not for interrupting current.





9. The sectional block, end plates, mounting rail, mounting clip, assembly shaft and nut for Types BN15MW, BND15W, BNDH15W, BNH15MN, BN15LW, BND15LW, BNDH15LW, BNH15LW, BN30W, BNH30W, BN50W, BNH50W and BN150W are not necessarily shipped together.

10. These are Certified only for supply to manufacturers for the assembly, as components, of equipment where the suitability of the combination is determined in the end use.

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