

DS-0005

2/04



WireGard™ Electrical Wire Connector GB-6 (Red)

APPLICATION

Use GB-6 WireGard™ twist-on wire connector in general purpose applications of 2 or more copper wires. GB-6 connectors feature side knurling for easy grip.

SPECIFICATIONS

WireGard™ connectors shall feature straight type shell & steel inner spring and be suitable for connecting copper wire from #18 to #10 AWG. Spring shall be plated to resist corrosion and have a square profile to provide secure contact with wires.

Connectors shall be rated for use with 600 V building wire / 1000 V lighting applications plus be UL listed and CSA certified for applications up to 105 °C. WireGard™ connectors must have few turn to meet required torque, meet or exceed UL pull out and dielectric test requirements.

INSTALLATION INSTRUCTIONS

- Strip wire $\frac{7}{16}$ " (11 mm). For 16 and 18 gauge stranded wires, strip $\frac{1}{2}$ " or 13 mm.
- Pretwisting unnecessary. Hold stripped wires together with ends even. (Lead stranded wires slightly).
- Align any frayed strands or conductors.
- Screw on connector; push wires firmly into connector when starting.
- To be sold only with installation instructions.

⚠ WARNING: Shut off power before working on a circuit. Use approved materials and conform to all electrical codes.

CONSTRUCTION

Shell: Polypropylene, Color - Red

Innerspring: Zinc plated, square profile steel wire

Temperature Rating: 105 °C (221 °F)

WIRE RANGE

#18 to #10 AWG Solid or Stranded conductors

Copper conductors only, 600 V max. building wire; 1000 V max. for lighting fixtures & luminaires/signs

REGULATORY APPROVALS

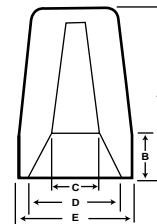
UL: List for pressure type wire connectors per UL 486C, file number 760R. UL94V-2 flame retardant.

CSA: Certified to CSA standard 22.2 No188, File LR36793



DIMENSIONS

Model		A	B	C	D	E
GB-6	(in)	1 ¹ / ₁₆	17 ¹ / ₆₄	2 ¹ / ₆₄	17 ¹ / ₃₂	2 ¹ / ₃₂
	(mm)	27	6.8	8.3	13.5	16.7



LISTED WIRE COMBINATIONS

LISTED FOR USE WITH: COPPER TO COPPER Temperature rating: 105 °C (221 °F) Listed as a PRESSURE-TYPE wire connector for the following solid and/or stranded wire connections:

600 V max. building wiring	1 #12 + 1 - 4 #14	1 #10 + 3 #12
1000 V max. lighting fixtures/luminaires & signs	1 #12 + 1 - 6 #16	1 #10 + 3 / 4 #14
	1 #12 + 2 - 4 #18	1 #10 + 5 / 6 #16
1 #8	2 #12 + 1 / 2 #14 / 16	2 #10 + 1 / 2 #12 / 14
2 #10	2 #12 + 1 - 3 #18	2 #10 + 1 - 3 #16 / 18
2 - 4 #12	1 #14 + 3 - 6 #16	1 #12 + 5 #14
2 - 5 #14		2 #12 + 3 / 4 #14
4 - 6 #16	300 V max. building wiring	2 #12 + 3 #16
1 #10 + 1 / 2 #12 / 14	3 #10	3 #12 + 1 - 3 #14, 16 / 18
1 #10 + 1 - 4 #16	6 #14	4 #12 + 1 #14, 16 / 18
1 #10 + 1 - 3 #18		5 #14 + 2 #16 / 18