

GB-3 WireGard™

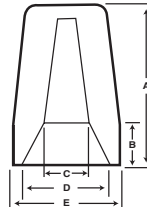
DS-0003



WireGard™ Electrical Wire Connector GB-3 (Orange)

DIMENSIONS

		A	B	C	D	E
GB-3	(in)	27/32	21/64	13/64	11/32	7/16
	(mm)	21.4	8.3	5.2	8.7	11.1



APPLICATION

Use GB-3 WireGard™ twist-on wire connector in general purpose applications of 2 or more copper wires. GB-3 connectors feature side knurling for easy grip.

SPECIFICATIONS

WireGard™ connectors shall feature straight type shell and steel inner spring and be suitable for connecting copper wire from #22 to #14 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 turns to meet required torque, meet or exceed UL pull out and dielectric test requirements.

INSTALLATION INSTRUCTIONS

- Strip wire 5/16" (7.9 mm). For 16 and 18 gauge stranded wires, strip 3/8" (9.5 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. approved materials and conform to all electrical codes.

CONSTRUCTION

Shell: Polypropylene, Color - Orange

Innerspring: Zinc plated, square profile steel wire

Temperature Rating: 105 °C (221 °F)

WIRE RANGE

#22 to #14 AWG Solid or Stranded conductors

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

REGULATORY APPROVALS

UL: List for pressure type wire connectors per UL 486C, file number 61X5. UL94V-2 flame retardant.



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 1000 V max. lighting fixtures/ luminaires & signs	300 V max. building wiring
2 #14 / 16	3 / 4 #16
2 - 4 #18	5 #18
3 - 5 #20	1 #14 + 1 / 2 #16
5 #22	1 #14 + 2 / 3 #18
	1 #14 + 3 / 4 #20
1 #14 + 1 #18	1 #14 + 4 #22
1 #14 + 1 / 2 #20	2 #14 + 1 #18
1 #14 + 1 - 3 #22	2 #14 + 1 - 3 #20 / 22
1 #16 + 1 / 2 #18	1 #16 + 3 / 4 #18
1 #16 + 1 - 3 #20	1 #16 + 4 #20
1 #16 + 1 #20 + 1 #22	2 #16 + 1 - 3 #18
1 #16 + 1 - 4 #22	2 #16 + 2 / 3 #20
	2 #16 + 1 #20 + 1 #22
2 #16 + 1 #20	2 #16 + 3 #22
2 #16 + 1 / 2 #22	
1 #18 + 2 - 4 #20	3 #16 + 1 #18
1 #18 + 3 / 4 #22	3 #16 + 1/2 #20 / 22
1 / 2 #18 + 1 #20 + 1 #22	4 #16 + 1 #20 / 22
2 #18 + 1 - 3 #20 / 22	
	3 #18 + 2 #20
3 #18 + 1 #20	4 #18 + 1 #20 / 22
3 #18 + 1 / 2 #22	
1 #20 + 4 #22	
2 #20 + 2 / 3 #22	
3 #20 + 1 / 2 #22	
4 #20 + 1 #22	