Gardner Bender

DATA SHEET

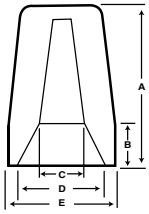
GB-4 WireGard™

DS-0004

WireGard™ Electrical Wire Connector GB-4 (Yellow)

DIMENSIONS

		A	B	C	D	E
GB-4	(in)	15/16	17/64	15/64	7/16	35/64
	(mm)	23.8	6.8	6.0	11.1	13.9



APPLICATION

Use GB-4 WireGard™ twist-on wire connector in general purpose applications of 2 or more copper wires. GB-4 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 #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 turns to meet required torque, meet or exceed UL pull out and dielectric test requirements.

INSTALLATION INSTRUCTIONS

1. Strip wire 7/16" (11.1 mm).
2. Pretwisting unnecessary. Hold stripped wires together with ends even. (Lead stranded wires slightly).
3. Align any frayed strands or conductors.
4. Screw on connector; push wires firmly into connector when starting.
5. 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 - Yellow
Innerspring: Zinc plated, square profile steel wire
Temperature Rating: 105 °C (221 °F)

WIRE RANGE

#22 to #10 AWG Solid or Stranded conductors
Copper conductors only, 600 V max. building wire; 1000 V max. for lighting fixures and luminaries/signs

REGULATORY APPROVALS

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

c UL us
LISTED
Wire Connector
61X5

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

1 #10, 12 / 14
2 / 3 #12
2 - 4 #14
2 - 6 #16 / 18
3 - 6 #20
4 - 6 #22

1 #10 + 1 #12
1 #10 + 1 / 2 #14 / 16
1 #10 + 1 - 3 #18

1 #12 + 1 / 2 #14, 16, 18, 20 / 22
2 #12 + 1 #14, 16, 18, 20 / 22

1 #14 + 1 - 3 #16, 18, 20 / 22
2 #14 + 1 / 2 #16, 18, 20 / 22
3 #14 + 1 #16, 18, 20 / 22

1 #16 + 1 - 5 #18 / 20
1 #16 + 2 - 5 #22

2 #16 + 1 - 4 #18, 20 / 22
3 #16 + 1 - 3 #18, 20 / 22
4 #16 + 1 / 2 #18, 20 / 22
5 #16 + 1 #18, 20 / 22

1 #18 + 2 - 5 #20 / 22
2 #18 + 1 - 4 #20 / 22
3 #18 + 1 - 3 #20 / 22
4 #18 + 1 / 2 #20 / 22
5 #18 + 1 #20 / 22

1 #20 + 2 - 5 #22
2 #20 + 1 - 4 #22
3 #20 + 1 - 3 #22
4 #20 + 1 / 2 #22
5 #20 + 1 #22