Data Sheet

G1 Uni-Lok® Connector

DS-0016 **2/04**

Uni-Lok®
Universal Wire Connector
G1 (Yellow)

APPLICATION

Use G1 Uni-Lok® twist-on wire connector in general purpose applications of 2 or more copper wires and where wings are needed to aid with installation torque. G1 connectors feature offset swept mini wing and are included for added grip and installation torque.

SPECIFICATIONS

Uni-Lok® connectors shall feature swept mini wing type shell & steel inner spring and be suitable for connecting copper wire from #22 to #12 AWG. Shell shall have mini offset wings to aid with gripping and installation torque. H2 connectors shall permit installation with a 7⁄16" hex socket wrench. 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. Uni-Lok® connectors must have few turns to meet required torque, meet or exceed UL pull out and dielectric test requirements.

INSTALLATION INSTRUCTIONS

1. Strip wires ½" (13 mm). For 20 and 22 gauge wires, strip ⅜" (10 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. Use approved materials and conform to all electrical codes.**

CONSTRUCTION

Shell: Nylon 6,6, Color - Yellow

Innerspring: Zinc plated, square profile steel wire

Temperature Rating: 105 °C (221 °F)

WIRE RANGE

#22 to #12 AWG Solid or Stranded conductors

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

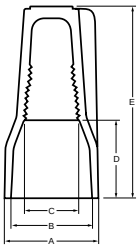
REGULATORY APPROVALS

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

CSA: Certified to CSA standard 22.2 No188, File LR36793

DIMENSIONS

Model		A	B	C	D	E
G1	(in)	31⁄64	27⁄64	9⁄32	13⁄32	63⁄64
	(mm)	12.3	10.7	7.1	10.3	25



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
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
1 #12 + 1 / 2 #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

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