

DS-0010

2/04



WingGard™ Electrical Wire Connector #84™ (Yellow)

APPLICATION

Use #84™ WingGard™ twist-on wire connector in general purpose applications of 2 or more copper wires and where wings are needed to aid with installation torque.

SPECIFICATIONS

WingGard™ connectors shall feature wing type shell & steel inner spring and be suitable for connecting copper wire from #22 to #10 AWG. Shell shall have offset wings to aid with gripping and installation torque. 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. WingGard™ connectors must have few turns to meet required torque, meet or exceed UL pull out and dielectric test requirements.

INSTALLATION INSTRUCTIONS

- Strip wire 3/8" (10 mm). For 16 and 18 gauge stranded wires, strip 1/2" (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 - 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 fixtures and luminaries/signs

REGULATORY APPROVALS

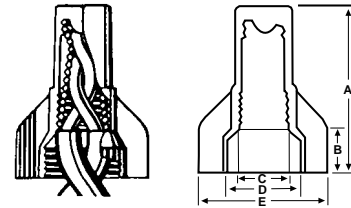
UL: List for pressure type wire connectors per UL 486C, file number 760R. UL94V-2 flame retardant.

CSA: Certified to CSA standard 22.2 No188, File LR36793



DIMENSIONS

Model		A	B	C	D	E
#84™	(in)	1 1/32	5/16	7/32	1/4	23/32
	(mm)	26.2	7.9	5.6	6.4	18.3



LISTED WIRE COMBINATIONS

LISTED FOR USE WITH: COPPER TO COPPER Temperature rating: 150 °C (302 °F) Listed as a PRESSURE-TYPE wire connector for the following solid and/or stranded wire connections:

600 V max. building wiring	1 #14+1-3 #16	1 #18+2-4 #20	1 #10+1-3 #16	3 #14+1/2 #16/18
1000 V max. lighting fixtures/luminaires & signs	1 #14+1-4 #18	1 #18+3/4 #22	1 #10+2-4 #18	4 #14+1 #16/18
	1 #14+1-3 #20/22	2 #18+1-3 #20/22	1 #12+3/4 #16	3 #16+3 #18
2 / 3 #12	2 #14+1 #16	3 #18+1/2 #20/22	1 #12+4/5 #18	4 #16+2 #18
2 - 4 #14 / 16	2 #14+1/2 #18	4 #18+1 #20/22	2 #12+1 #14	5 #16+1 #18
2 - 6 #18	1 #16+1-5 #18/20	2 #20+2 #22	2 #12+1/2 #16	
4 #20	1 #16+2-4 #22	3 #20+1 #22	2 #12+1-3 #18	
1 #10+1 #18	2 #16+1-4 #18	300 V max. building wiring	1 #14+4 #16	
1 #12+1-3 #14	2 #16+1-3 #20/22	5/6 #16	1 #14+5 #18	
1 #12+1/2 #16	3 #16+1/2 #18	1 #10+1 #12	2 #14+2/3 #16	
1 #12+1-3 #18	4 #16+1 #18	1 #10+1/2 #14	2 #14+3/4 #18	