

DS-0009

2/04



WireGard™ Electrical Wire Connector 74B Hi-Temp (Black)

APPLICATION

Use 74B Hi-Temp WireGard™ twist-on wire connector in general purpose applications of 2 or more copper wires. 74B Hi-Temp 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. Shell shall also be molded of nylon to achieve high temperature and corrosion resistance required in lighting applications. 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 150 °C for high temperature lighting applications. 74B Hi-Temp connectors must have few turns to meet required torque, meet or exceed UL pull out and dielectric test requirements.

INSTALLATION INSTRUCTIONS

- Strip wire $\frac{7}{16}$ " (11 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: PBT (polybutylene terephthalate), Color - Black

Innerspring: Zinc plated, square profile steel wire

Temperature Rating: 150 °C (302 °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 and luminaires/signs

REGULATORY APPROVALS

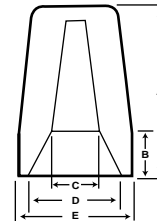
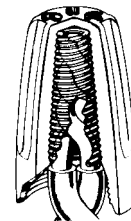
UL: List for pressure type wire connectors per UL 486C, file number 760R. UL94V-2 flame retardant.

CSA: Certified to CSA standard 22.2 No188, File LR36793



DIMENSIONS

Model		A	B	C	D	E
74B	(in)	$\frac{15}{16}$	$\frac{17}{64}$	$\frac{15}{64}$	$\frac{7}{16}$	$\frac{35}{64}$
	(mm)	23.8	6.8	6.0	11.1	13.9



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 w/ 1 #16	1 #14 w/ 2 to 4 #16
1000 V max. lighting fixtures/luminaires & signs	1 #14 w/ 1 to 3 #18	1 #14 w/ 4 or 5 #18
	1 #16 w/ 3 #18 w/ 1 #22	1 #14 w/ 2 #16 w/ 2 #18
1 #8	1 #16 w/ 4 #18	2 #14 w/ 1 to 3 #16
1 or 2 #12	2 #16 w/ 2 #18	2 #14 w/ 1 to 4 #18
1 to 4 #14	2 #16 w/ 2 #18 w/ 1 #22	3 #14 w/ 1 or 2 #16
3 or 4 #16	300 V max. building wiring	3 #14 w/ 1 to 3 #18
4 or 5 #18	5 #16	4 #14 w/ 1 #18
1 #10 w/ 1 #14	6 #18	2 #16 w/ 3 or 4 #18
1 #12 w/ 1 or 2 #14	1 #12 w/ 2 or 3 #16 or 18	3 #16 w/ 1 to 3 #18
1 #12 w/ 1 #16 or 18	2 #12 w/ 1 #16 or 18	4 #16 w/ 1 or 2 #18