

# CONXRITE®

## VISUAL COMMUNICATIONS COMPANY, INC.

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### PANEL INTERCONNECT PRE-WIRED WITH RESISTOR



U.S. & Foreign Pat. Pend.

#### SPECIFICATIONS

**MATERIAL:** Panel connector, Ring and Header connector - Thermoplastic (U.L. Listed Material)  
Terminals - Phosphor bronze, tin plated  
Wire - 24 AWG 7 strand copper, insulated

**MOUNTING:** Mating Panel Mounts - Plain diffused lens CMC 313, Fresnel lens, CMC 321, Plain end lens CMC 323, Open end mount CMC 285 and Moisture Seal lens CMS 322. See data sheets specs pages 4, 5 and 6.

Panel Thickness - .030" to .045" use 2ea SPC 060 spacers, .050" - .100" use 1ea. SPC 060 spacer, .105" - .125" SPC 060 not required.

Hole Size - .281" for all lenses and mounts mentioned above.

LED Lead Length - CMC 285 trim leads to .350" ± .010". CMC 313, CMC 321, CMC 323 and CMS 322 trim leads to .220" ± .010".

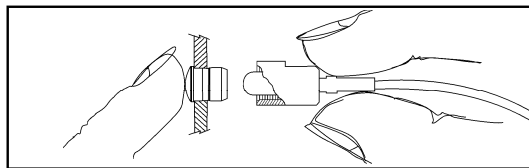
**APPLICATION** - CONXRITE makes quick and easy plug-in connections between panel mounted LEDs with lenses and a power source. Utilizing various cable lengths and cable terminations, CONXRITE offers a cost reducing solution to interconnection problems.

**VERSATILITY** - CONXRITE with ballast resistor can be used on circuits from 3 to 28 volts. Panel thickness can vary from 1/32 to 1/4 inch. Makes positive panel connections for either wet or dry applications with CMS lens. See data sheet for CLIPLITE AND CUBELITE lens mounts.

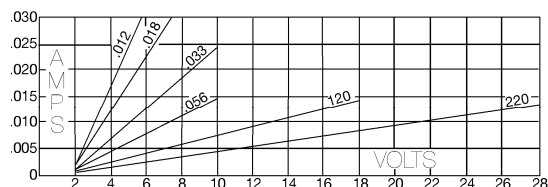
**DESIGN** - CONXRITE has a molded plastic body with self-contained 1/2 watt resistor. Pre-attached wires are provided with terminals, header connector or with stripped leads.

**INSTALLATION** - Modular cabling system's plug-in feature simplifies the electrical connection from panel mounted LEDs to PCB, eliminating the need for assembly tools. Cost and time savings from the elimination of soldering and terminal crimping operations are substantial.

#### EASY INSTALLATION



#### RESISTOR SELECTOR



#### ORDERING CODES

**MODEL** \_\_\_\_\_  
Connector plus resistor only  
Connector plus resistor & wire

RESISTOR		RESISTOR	
CODE	OHM	CODE	OHM
000	NO RESISTOR	056	560
012	120	120	1200
018	180	220	2200
033	330		

#### WIRE TERMINATIONS

CODE	DESCRIPTION
G	PLAIN END HEADER CONNECTOR
E	LOCKING HEADER CONNECTOR
X	WIRE LEAD ENDS STRIPPED

Use Model and Resistor code to order connector separately.

#### WIRE LENGTH

CODE	LENGTH
04	4 INCHES
06	6 INCHES
08	8 INCHES
12	12 INCHES
18	18 INCHES
24	24 INCHES

#### WIRE COLOR

CODE	DESCRIPTION
1	BLK - WHT

#### WIRE GAUGE

CODE	DESCRIPTION
4	24 AWG

#### TERMINATIONS

