



PRE-WIRED SOLDERLESS LED INTERCONNECT



U.S. & Foreign Patents Issued and Pending

VERSATILITY

CONXRITE® interconnects with internal resistor make LED plug-in connections between panel and power source easy. Options include broad selection of LEDs, choices of wire size, length and color, variety of wire terminations.

BRIGHTNESS

CONXRITE® cable assemblies enhance LED viewing, 180°. Also for use with infrared and photo detection devices. With selected LEDs, brightness can range from 20 to 20,000mcd.

APPLICATION

CONXRITE® assemblies have been tested for UV, solar, shock, vibration and temperature cycling. Sealed version exceeds NEMA 4 for dust, water and ice. Assembly uses include office environments or harsh exterior conditions. Provides ESD circuit protection.

INSTALLATION

CONXRITE® assemblies are easy to install. Slip lens through panel opening, slide lock washer over lens barrel, secure connector to lens by hand with a half turn.

SPECIFICATIONS

MATERIAL	Lens - Polycarbonate Connector - Thermoplastic (U.L Listed Materials) Moisture seal - EPDM Lock washer - Steel, nickel plate Terminals - Phosphor bronze, tin plate Wire - U.L. 1007/1569, 24 AWG stranded
ELECTRICAL	Terminal - 3 amp continuous service. Mates to round, square, rectangular leads .017" to .030".
MOUNTING	CMC 441 series lens - for dry applications. CMS 442 series lens - for dust/wet conditions. CMC 441 / CMS 442 lens - mounts through a 5/16" diameter panel opening on 1/2" centers. Panel thickness up to 1/8". Wire termination - stripped leads, VCC 450 series single or dual row locking header connectors. Contact factory for other termination options.
TEST DATA	Assembly meets NEMA 4 for water, ice and dust. Additional tests, temperature cycle -40° to +85°C, shock to 6g's, vibration to 2000hz, solar & UV. Tests conducted by Consolidated Laboratories.

EASY INSTALLATION

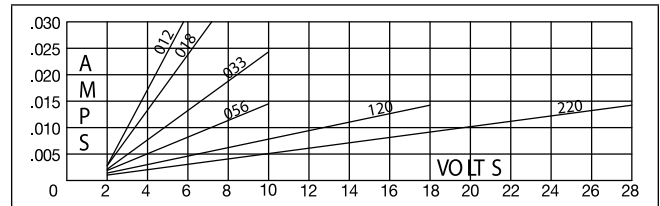
Slide lens through 5/16" hole. Slip the lock washer onto lens barrel. While holding lens, twist on connector one half turn until secure.

ORDERING CODES

CONNECTOR STYLE	RESISTOR	TERMINATION	WIRE SIZE	WIRE COLOR	WIRE LENGTH
CNX 410 Threaded w/Resistor Use with Lens Assembly: CMC 441 Standard 5mm or CMS 442 Water Tight 5mm	012 120 OHM 018 180 OHM 033 330 OHM 056 560 OHM 120 1200 OHM 220 2200 OHM	X Stripped End E Locking Header Connector	STANDARD 4 24 AWG	1 WHT - BLK 2 RED - BLK	04 4 INCHES 06 6 INCHES 08 8 INCHES 12 12 INCHES 18 18 INCHES 24 24 INCHES

ADDITIONAL OPTIONS AVAILABLE

RESISTOR SELECTOR



OUTLINE DRAWING

CMC 441 Assembly STANDARD 	CMS 442 Assembly WATER TIGHT 	LOCK WASHER 	5mm LED 	CNX 410 CONNECTOR ASSEMBLY
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LENS ASSEMBLY SOLD SEPARATELY