

Large Display Status Indicator

Type CI 75 (Single Coil)

Type CID 75 (Dual Coil)

For Industrial Applications

FEATURES

- Large 3/4" display
- Visible in bright light or in dimly lit area
- No bulbs to replace
- Low power usage
- No power needed when latched in either position
- Low cost
- Strong Magnetic memory

The CI series large display status indicator displays feature highly visible dual color internal flag when the indicator coil is pulsed and stays locked. Available in single and dual coil models. For industrial applications demanding large displays while subjected to outdoor elements, high ambient light areas and remote areas requiring low power drain.

USE FOR LARGE DISPLAY PANELS, FAULT WARNING SYSTEMS, OUTDOOR APPLICATIONS OR IN OTHER BRIGHTLY LIT AREAS, AND WHERE LOW POWER DRAIN IS REQUIRED.

OPERATION

When the indication coil is energized by a 50 millisecond (or longer) pulse, color display flips 180 degrees and latches to coil core. Display will remain magnetically locked to core in the position last pulsed. Even if the signal is removed, indicator will "remember" the signal instruction.

Reset to black is accomplished electrically by pulsing a separate reset coil or by reversing polarity in the single coil unit. The display then remains magnetically locked to core and remains black.

ELECTRICAL SPECIFICATIONS

Standard Coil Voltages and Resistances

DC Coil Resistance in Ohms, $\pm 10\%$ @ 25°C (CI 75)	Nominal Voltage DC Required	Operating Voltage	
		Min Allowed	Max Allowed
30*	5	4.5	5.5
41*	6	5.5	6.5
150*	12	11.0	13.0
460*	20	18.0	22.0
660*	24	21.0	27.0
875*	28	25.0	31.0

* Resistance for coil for dual coil (CID 75) units is approximately one-half the value listed for single coil, all models.

Nominal Operating Pulse Power (at 25° C): 900 mw (CI 75);

1.8 w (CID 75). Designed for pulse operation.

Operating Pulse Length: 50 ms min.

Reset Pulse Length: 50 ms min. (Max. "On" time 50%)

Dielectric Withstanding Voltage: 100 VDC coil to coil, for dual coil units. 500 VDC, terminals to mounting panel.

MECHANICAL SPECIFICATIONS

Case: Molded plastic, clear viewing lens.

Mounting: Spring retainer, supplied with unit.

Weight: 30 grams

Display Colors: Orange (set) and Black (reset).

Other colors or legends available.

ENVIRONMENTAL SPECIFICATIONS

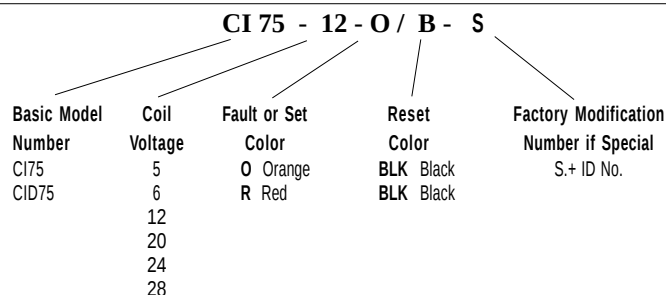
Operating Temperature Range: -20°C to 85°C.

Operational Life: 10,000 cycles minimum.

ORDERING INFORMATION When ordering, show model number first, then coil voltage desired, then the color combination desired. If this is a special part, factory assigned modification number will be added at the end of the ordering number.

Example:

Single coil unit for 12 volt with orange for set and black for reset would specify CI 75-12-0/Blk.



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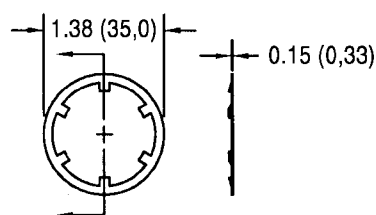
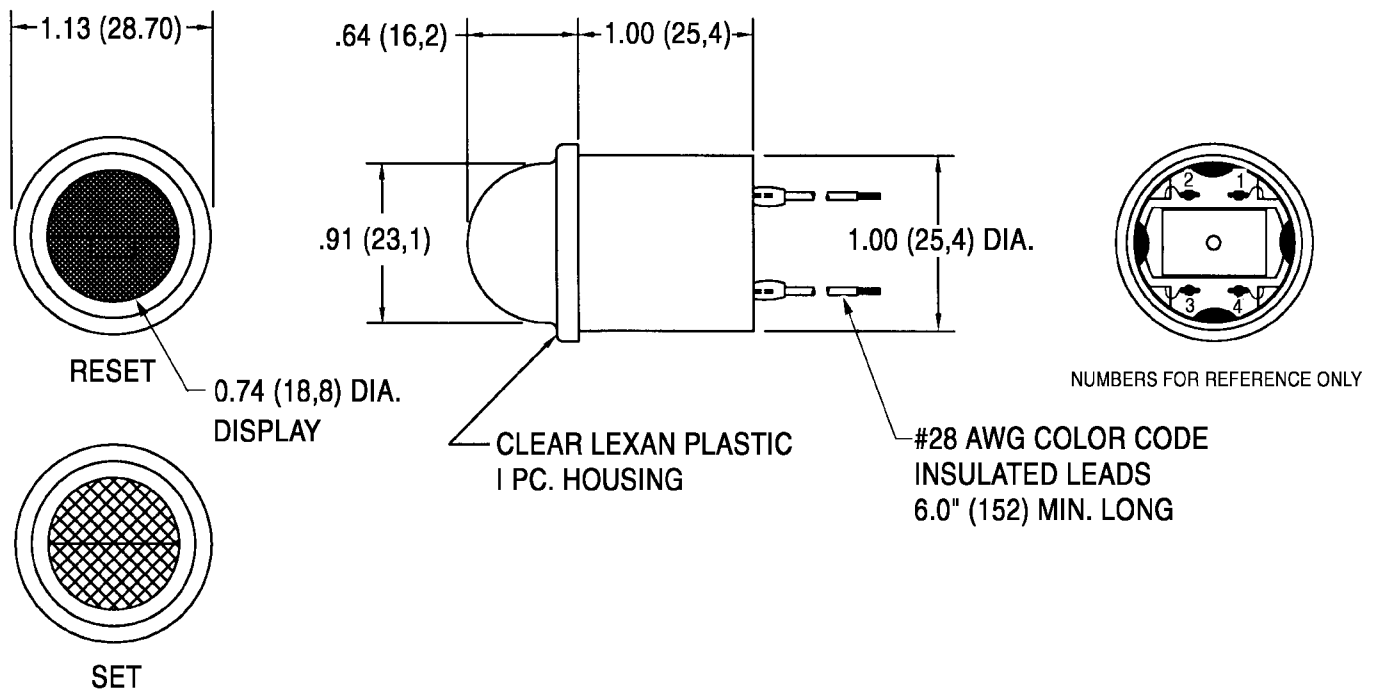
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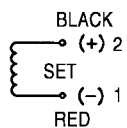
For Industrial Application



FLAG INDICATORS

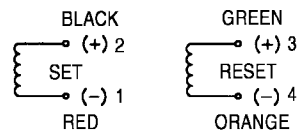


NOTE
SPRING RETAINER CLIP FOR MOUNTING
TO PANEL IS SUPPLIED WITH UNIT



SCHEMATIC
SINGLE COIL

TO RESET, REVERSE POLARITY
OF APPLIED VOLTAGE



SCHEMATIC
DUAL COIL

DIMENSIONS IN () ARE MILLIMETERS Tolerances are ± 0.20