

Edwards® Chameleon™ 103 & 103I Series LED Multi-status Indicator

PLC Compatible*

Features

- PLC compatible
- 3 Visual Signals in One Compact Housing
- Multiple LED clusters in red, green and amber or red, blue and amber
- Available in 24V DC and 120V AC 50/60 Hz
- 100,000 hour light source life
- NEMA 4X Enclosure
- 18 inch wire leads

Description

The Chameleon 103I Series** features an onboard processor with an internal jumper that allows the unit to function as either a steady or flashing visual signal. The Chameleon is designed such that any one or all three lights can be activated by either a PLC or contact closure. The first light activated will illuminate either steady or flashing (set by an internal jumper). If a second light is activated, the Chameleon cycles between the two colors. A third activation causes the Chameleon to cycle between all three colors: red, amber, and green or red, amber, and blue.

The Chameleon 103 Series has all the functionality of the 103I with the exception of the onboard processor and internal jumper. While both series are PLC compatible, the 103 is designed such that all signal operation is controlled directly through a PLC's ladder logic rather than through the Chameleon's internal processor.

Agency Approvals

- UL Listed
- cUL Listed
- NEMA 4X

**Patent Pending



Cat. No. 103

Specifications

- Immune to shock and vibration - no moving parts
- Available in Red, Green and Amber or Red, Blue and Amber

Installation

Either Series Chameleon may be panel or conduit mounted. An inte-

gral double-threaded (internal/external) mounting nipple accommodates 3/4" (19mm) or 1/2" (13mm) conduit mounting.

Applications

Edwards long life multi-status visual indicators are ideal for use where smaller lights are specified and multi status indication is required.

*PLC COMPATIBILITY

This device may be operated by PLCs that match the input load requirements of this signal. Be sure to match the input load characteristics of the signal with the output characteristics of the PLC before connecting.

Signal Input Load Characteristics

Cat. No.	Operating voltage Volts/60 Hz	Max. off state leakage current mA	Cont. on current mA	Surge (inrush/duration) Amps/milliseconds
103-RBA-G1 103-RGA-G1	24V DC	5	65	0.070/8
103-RBA-N5 103-RGA-N5	120V AC	5	55	0.100/8
103I-RBA-G1 103I-RGA-G1	24V DC	5	55	0.070/8
103I-RBA-N5 103I-RGA-N5	120V AC	5	45	0.100/8

Ordering and Technical Data

Cat. No.	LED Colors	Replacement Lens Cat. No.	Electrical Rating	Lamp Life	Lumen Ratings*
103I-RGA-G1	Red	104-LC	24V DC	100,000 hr.	120
	Green				90
	Amber				307
103-RGA-G1	Red	104-LC	24V DC	100,000 hr.	120
	Green				90
	Amber				307
103I-RGA-N5	Red	104-LC	120V 50/60 Hz	100,000 hr.	120
	Green				90
	Amber				307
103-RGA-N5	Red	104-LC	120V 50/60 Hz	100,000 hr.	120
	Green				90
	Amber				307
103I-RBA-G1	Red	104-LC	24V DC	100,000 hr.	120
	Blue				90
	Amber				307
103-RBA-G1	Red	104-LC	24V DC	100,000 hr.	120
	Blue				90
	Amber				307
103I-RBA-N5	Red	104-LC	120V 50/60 Hz	100,000 hr.	120
	Blue				90
	Amber				307
103-RBA-N5	Red	104-LC	120V 50/60 Hz	100,000 hr.	120
	Blue				90
	Amber				307

*Manufacturer's lumen and life ratings

