IDEC SignaLight

Modular Solutions

Smart Products. Simple Solutions.

idec

IDEC LT7 Modular SignaLight Series

The LT7 series signal towers combine innovative LED technology with a five-color modular-style assembly. It's easy to make changes and modify combinations even after it's installed on your machine. The simple design uses only nine modular components complete with alarm functions.

Depending on your requirements, the LT7 is available in 90-250VAC or 24VDC steady and flashing models. The ultra-bright LEDs, IP65 protection and lead-free solder construction meet the most stringent operation safety and environmental requirements, as well as global approvals.

The LT7 series is the best signalling solution available in the industry, bringing value-added design to your machines, systems and applications.

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Smart Design Saves You Money

The LT7's unique modular design significantly reduces the number of modules required, making stocking and replacement of parts a breeze. Each part is designed to fit and work with each of the other parts for easy installation or modification. There are five lens colors and four base units to choose from.

Unique Locking Connections

Interlocking construction allows for quick assembly and ensures that the electrical connections are always aligned and secure. Each lens securely locks to the next, offering significantly higher levels of reliability in areas of machine vibration and also creating a smooth surface that eliminates dust build-up.

Audible Alarm

An integrated audible alarm with two user selectable tones is available with the LT7 flashing bases. Select between a continuous or intermittent alarm. The volume of the alarm can be manually adjusted, producing volumes up to 90dB at 1 meter.

IP65 Environmental Protection

An IP65 enclosure rating is offered standard by means of high-quality O-ring gaskets. This results in high levels of protection against dust and water.

Lead-Free Design

The LT7 has been designed with the environment in mind. Using lead free components, this product complies fully to the EU directive 2002/95/EC, which restricts the use of lead.
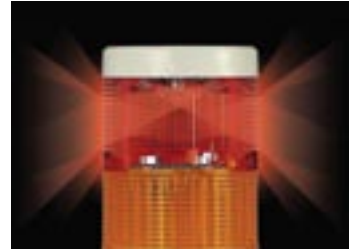
Push-fit Connection Terminals

Wiring terminals are located in the base of the light tower. Each terminal is color-coded for easy identification. "Push-fit" locking terminals make wiring simple, with no need for tools, saving you time and money on installation.

Ultra-Bright LEDs

Using the latest and brightest LEDs, the LT7 produces intensified illumination of all lens colors. The unique prism design enhances brightness and ensures outstanding levels of visibility from any direction and distance all at the same price as incandescent light towers.

LED technology at incandescent prices

IDEC LT7 SignaLight Series Part Numbers

Base Units (with Top Cap)

LT7B-D24	24VDC Steady Unit
LT7B-D24FB	24VDC Flashing Unit with Audible Alarm
LT7B-A250	90-240VAC Steady Unit
LT7B-A250FB	90-240VAC Flashing Unit with Audible Alarm

LED/Lens Modules

Amber/Yellow
LT7A-Y
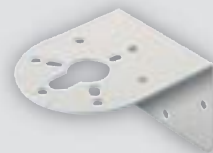
Blue
LT7A-S

Green
LT7A-G

Red
LT7A-R

Clear/White
LT7A-C

Mounting Options (not required)

LT9Z-7L   LT9Z-7T

LT9Z-SZ007

Replacement Parts

LT9Z-HCLT7	Top Cap
LT9Z-ORINGLT7	O-Ring Gasket
LT9Z-M4NUTSLT7	Mounting Nuts

Award-Winning PS5R Slim Line Power Supplies

IDEC PS5R Slim Line power supplies have all the features, all the power, and only half the size of traditional power supplies. Save valuable DIN Rail space with the 30W, 60W, 90W, 120W, or 240W models, which can fit any of your power needs. The PS5R Slim Line models are UL508 and UL1604 listed for hazardous locations. The 30W and 60W models are also NEC Class 2 rated. The 120W and 240W models comply with SEMI F47 sag immunity requirements.

www.idec.com/usa/powersupply

The World's Safest E-Stop

This one-of-a-kind, "safe break action" design, found only in the IDEC XA & XW series, reverses the energy direction and uses spring-pressure to assure that the NC contacts will open if the emergency switch is damaged or the contact blocks separate due to excessive force. The NC contacts will reliably open, even if they are welded, and stop the machine. Both the XA and XW switches include up to four contacts in a very compact package. This means that there is an additional contact available and the switches can be used in Level 4 safety category applications.

www.idec.com/estop

Support Information

IDEC SignaLight Series:
www.idec.com/signalight

Technical support:
support@idec.com

800-262-IDEC
www.idec.com

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