

# Clearly BETTER!



The new  
signal towers:

**SL7**  
**SL4**

Available  
JULY 2013

**EATON**

*Powering Business Worldwide*

# Clearly Eaton!

Eaton has the entire machine in view – from the control panel to the peripherals. Its optimized signal towers can now guarantee even better control over all key processes and with it increased availability for your machines.

## The SL7 and SL4 signal towers.

Control up to five levels at once – safe, individual and convenient. Simple mount onto a control panel or a machine and the signal towers keep you informed about material requirements, downtimes and hazards. When integrated into the Lean Solution concept, they even help prevent problems.

An overview of the benefits:

- Clearly perceptible
- Safe and efficient
- New design
- Simple mounting and dismantling
- also available in 40 mm

See for yourself how the optimized signal towers improve the safety, productivity and availability of your machines and equipment.

The new design with signaling effect.





The attractive design with its rounded form is characteristic of the new signal towers and fits the uniform appearance of the control and signal units from the RMQ-Titan® program.

Clearly  
LOVELIER!



# Clearly MORE EFFECTIVE!

Signal towers must always be placed somewhere highly visible to ensure that the respective signals can be seen clearly. Eaton has done more than just raise effectiveness; it's also taken steps to ensure a uniform overall impression.

## Fine looks – Finer lookout

An attractive design with rounded shapes is one clear characteristic of the new SL7 and SL4 signal towers. Their distinctive appearance immediately identifies them as part of the high quality Eaton line of products.

The new signal towers also feature a 100-dB acoustic module to make them easier to notice and

IP66-rated fixtures that are impervious even to strong jets of water.

Turn these improved signal towers into the standard for your machines and benefit from the improved engineering and their uniform appearance.

Six colors for the international market: red, yellow, green, blue, clear and orange (amber)

Rounded design serves as a visual reminder of Eaton quality.

Acoustic modules with up to 8 different signals and adjustable volume levels for optimal adaptation to any ambient conditions.

LEDs and high-performance LEDs for better brightness.

Lighting variants: continuous light, flashing light, strobe light, variable strobe light.

Rated to IP66 for perfect protection, even against strong jets of water from all directions.



# Clearly FASTER!

Mounting and dismantling of protruding signal towers can be a major effort, particularly when transporting machines. The new rapid-mount system speeds up that process by up to 50%.

## **Installs quickly and easily.**

The new rapid mounting and wiring system with bayonet fitting offers many advantages beyond just the mounting and dismantling of complete towers. The very composition of the individual signal colors can be individually tailored in a hurry. The rapid mounting adapter uses a bayonet fitting, so electrical wiring needs only be connected once, with the lower portion simply remaining on the

machine. After transport the signal tower can be remounted immediately without any further ado.

It's easy to position the new signal towers from Eaton wherever you'd like and in the necessary combination – simply, easily and effectively.

The various modules can be varied easily with a simple twist.

Bayonet fitting for quick and easy mounting and dismantling.



With transport cover for cables and connections.





Clearly  
BRIGHTER!

**An overview of the benefits:**

- LEDs and High Performance LEDs for greater brightness.
- LED technology in 24V, 120V and 230V for these lighting variants: continuous light, flashing light, strobe light, variable strobe light.
- High Performance LEDs for 24V.
- Six colors for the international market: red, yellow, green, blue, clear and orange (amber)
- Acoustic modules with up to 8 different signals and adjustable volume levels for optimal adaptation to any ambient conditions.

# Clearly BRIGHTER!

Thanks to LEDs, high performance LEDs and louder signal tones, you'll be informed more reliably than ever before about the current state of operations. As an added bonus, the LED variants now available from Eaton are also major energy-savers.

## Notice! Notice!

Signal towers provide visual and audible signals of machine states. These must also be easily visible, even from a distance, and immediately comprehensible. An amber color has now been added to ensure better compliance with international standards.

Eaton has redesigned its signal towers for better performance precisely where it counts.

Benefit from better attention-getting power, stronger brightness and higher volumes as well as multiple tone variants to identify faults unambiguously or even help prevent them from occurring at all.

Up to 100 dB  
acoustic module

Threat of stop

a pre-defined set of  
actions must occur

Machine  
failure

Smooth  
operation



Precise classification of information  
thanks to six colors

# Clearly

## MORE COMPACT!

Installation space is limited for many machines, but it's a bad idea to cut corners on controls. Eaton instead offers the SL4 as a counterpoint to the SL7 – a space-saving 40 mm signal tower.

### For when things are tight.

Regardless of whether ceiling clearance is in short supply or whether different signals are needed on the right or left sides, the SL4 signal tower can be deployed flexibly even in tight installation circumstances. The different lengths of 100 mm, 250 mm and 400 mm give it even more flexibility for installation.

Tube mounting are also possible, using a metal angle bracket to affix it to the machine.

The SL4 signal towers are the perfect and robust choice for applications in tight spaces.

Signal towers can also be mounted horizontally.



SL4  
40 mm



SL7  
70 mm



Various options for flexible assembly options.



Increase your efficiency to new heights by linking your signal towers to SmartWire-DT® – and prevent failures before they even happen.



Clearly  
MORE EFFICIENT!

# Clearly

## MORE EFFICIENT!

SmartWire-DT® from Eaton is a new technology that allows for better planning, engineering, wiring, testing, commissioning and maintenance of electrical equipment.

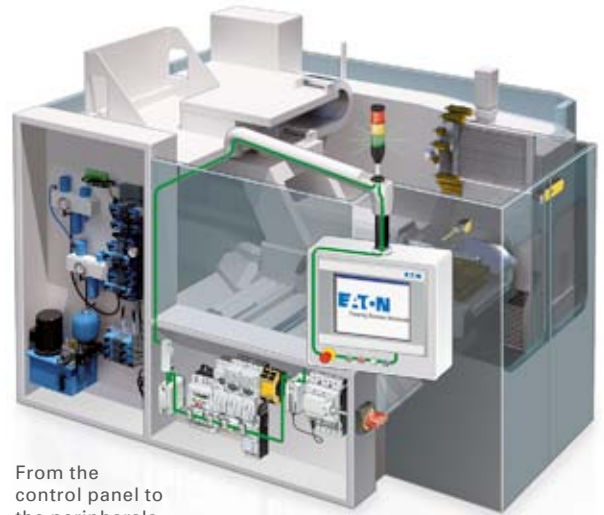
### Prevention instead of repairs.

As part of its Lean Solution, Eaton has developed SmartWire-DT, a technology that reduces the costs of a machine's electrical engineering by up to 30%.

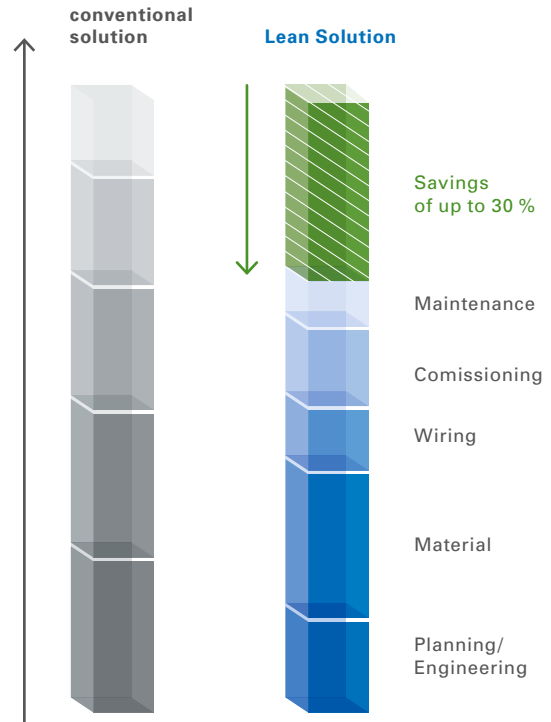
Signal towers are an important component of this technology, since the advance warning function provides information that help the operator avoid potential standstills and increase availability. Potential failures are not just detected in advance by intelligent switchgear,

but in fact are also signaled by signal towers with SmartWire-DT.

The information delivered via SmartWire-DT can be shown directly. Information disseminated in this way helps you not just react to problems, but to potentially avoid downtimes in the first place. This in turn significantly increases efficiency and machine availability. We'd be glad to show you about how this can help your company.



From the control panel to the peripherals – wonderfully simple.



Eaton is dedicated to ensuring that reliable, efficient and safe power is available when it's needed most. With unparalleled knowledge of electrical power management across industries, experts at Eaton deliver customized, integrated solutions to solve our customers' most critical challenges.

Our focus is on delivering the right solution for the application. But, decision makers demand more than just innovative products. They turn to Eaton for an unwavering commitment to personal support that makes customer success a top priority.

For more information, visit

[www.eaton.eu/electrical](http://www.eaton.eu/electrical)

To contact an Eaton salesperson or local distributor/agent, please visit

[www.eaton.eu/electrical/customersupport](http://www.eaton.eu/electrical/customersupport)

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