



Increase the availability of your machines and systems with efficient signaling



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Signal towers are not only indispensable for the safe operation of machines and systems – they also ensure that processes run smoothly at airports and even in supermarkets. The tasks they perform are as varied as the locations where they are used. This is why Eaton equips its signal towers with extremely versatile light and acoustic modules. And their high degree of protection (IP66) ensures that they can be used virtually anywhere.

Alongside light and signal strength, the efficiency of the system is also determined by the ease with which the complete tower can be installed or dismantled, for example during transport.

This efficiency can be further increased by effectively integrating signal towers into automation solutions. The SmartWire-DT and AS-Interface connections not only make wiring significantly easier, but also enhance the connectivity of the system. Intelligent switchgear can trigger alerts via the system – for example, if an overload is imminent – before a standstill occurs. Based on these alerts, the signal towers will then output their own clearly recognizable signals, thereby ensuring higher machine and system availability.



Eaton.com/signaltower



Two signal tower designs are available: SL4 and SL7

Both compact and standard versions are available, with diameters of 40 mm and 70 mm, respectively. Eaton thus provides the ideal solution for your signaling tasks, even in places where space is scarce.



Significantly brighter and louder signals

All six lamp modules are available with filament lamps, continuous light LEDs, flashing LEDs, strobe LEDs, or high-performance LEDs. This makes it possible to adapt the brightness and color of the modules to specific customer needs and different market requirements. The same applies to the acoustic modules – eight selectable signals and an adjustable volume of up to 100 dB enable optimum adaptation to any environmental condition.



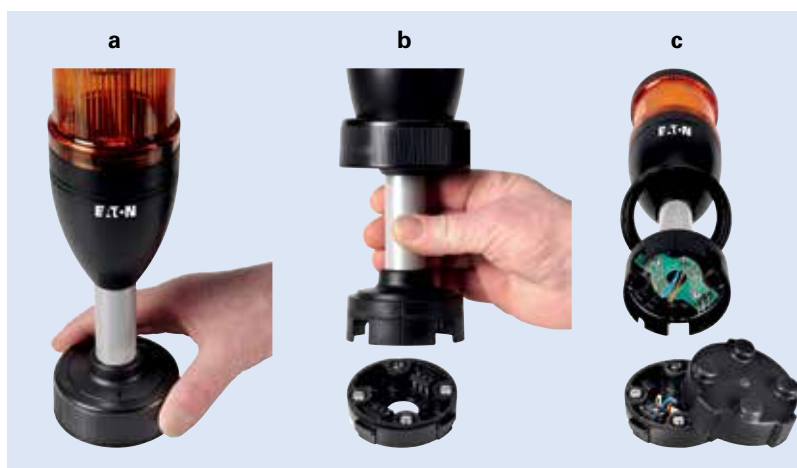
An integrated design

Eaton's signal towers can be integrated into both SmartWire-DT and AS-Interface networks. These network communication options make it possible to combine the unique advantages of our fast mounting system with improved cost-effectiveness.



Extremely flexible mounting options

Our new signal towers can be installed in 12 different ways. The cup-shaped base can either be mounted on the side of your equipment or directly on it, in a variety of configurations. If there is not enough clearance to the ceiling, for example, the modules can be installed horizontally. Tube lengths of 100, 250, 400 and 800 mm make the system even more flexible. Eaton.com/signaltower

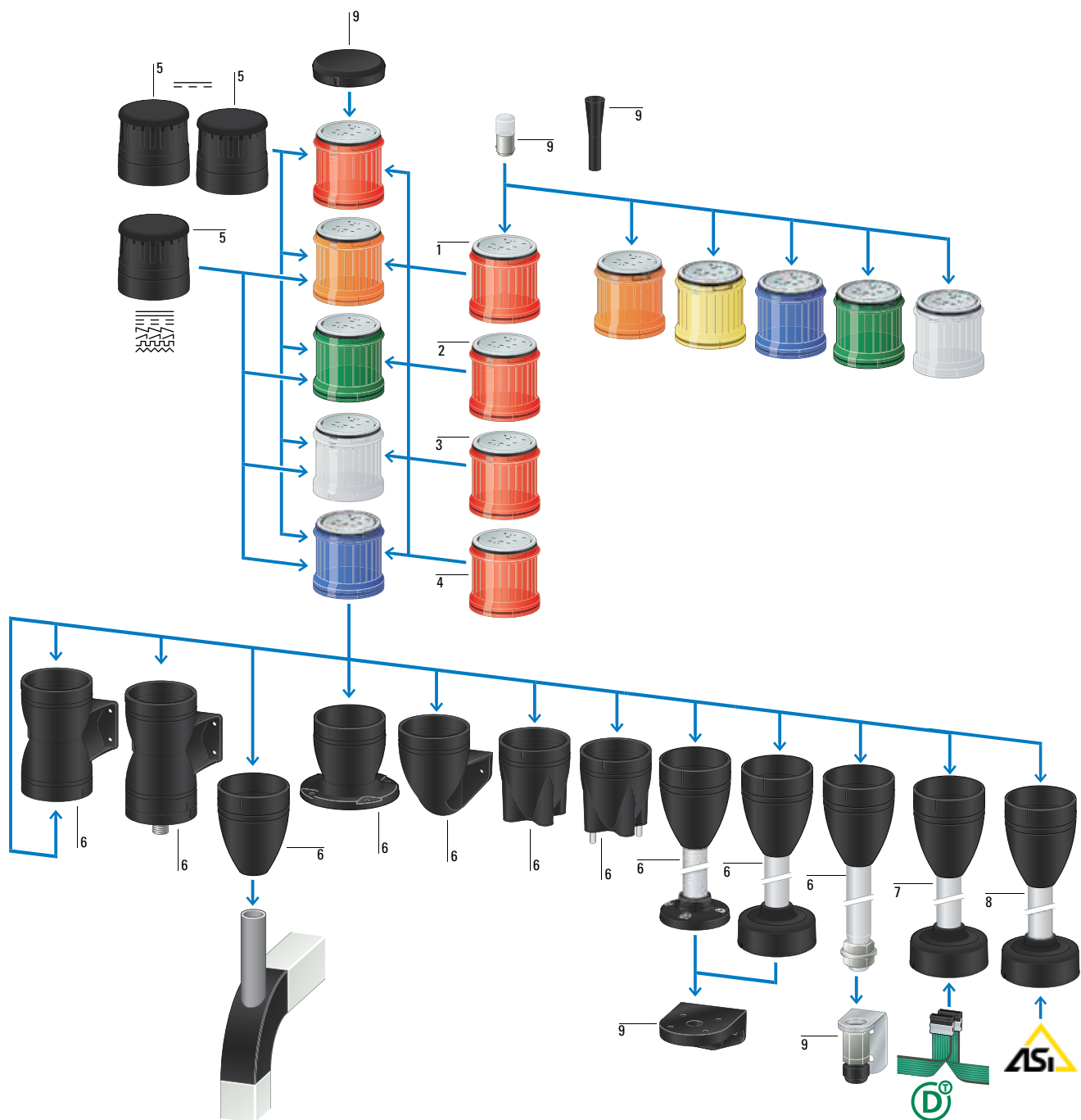


Rapid assembly and dismantling

The signal towers can be dismantled during transport. With Eaton's fast mounting system, this is possible in a matter of seconds:

- simply loosen the mounting ring,
- remove the signal tower,
- put the protective cover in place – and you're done!

The electrical and mechanical re-assembly and installation of the signal towers is just as simple.



- 1 Module for filament lamp, continuous light
- 2 LED/high-performance LED module, continuous light
- 3 LED module, flashing light
- 4 LED/high-performance LED module, strobe light

- 5 Acoustic module
- 6 Base modules
- 7 Base module with SWD connection
- 8 Base module with AS-Interface
- 9 Accessories

	Rated operational voltage U_e V	Number of modules	Color	Module diameter 70 mm	Module diameter 40 mm
				Part no. Article no.	Part no. Article no.
Complete devices (IP66)					
	Continuous light, LED, IP66, base module with foot and 100 mm tube 24 V AC/DC	2		SL7-100-L-RG-24LED 171424	SL4-100-L-RG-24LED 171295
		3		SL7-100-L-RYG-24LED 171425	SL4-100-L-RYG-24LED 171296
		3		SL7-100-L-RAG-24LED 173982	SL4-100-L-RAG-24LED 173981
	Customized complete devices				
Can be ordered on request				SL7-COMBINATION 2011955	SL4-COMBINATION 2011956

			Continuous light	Flashing light 2 Hz	Strobe light 1.4 Hz
	Rated operational voltage ¹⁾ U _e V	Color	Part no. Article no.	Part no. Article no.	Part no. Article no.
Module with LED, IP66					
	24 V AC/DC		SL7-L24-B 171461	SL7-BL24-B 171439	SL7-FL24-B 171402
			SL7-L24-G 171462	SL7-BL24-G 171440	SL7-FL24-G 171403
			SL7-L24-R 171463	SL7-BL24-R 171441	SL7-FL24-R 171404
			SL7-L24-W 171464	SL7-BL24-W 171442	SL7-FL24-W 171405
			SL7-L24-Y 171465	SL7-BL24-Y 171388	SL7-FL24-Y 171406
			SL7-L24-A 171466	SL7-BL24-A 171389	SL7-FL24-A 171407
	230/240 V AC		SL7-L230-B 171473	SL7-BL230-B 171396	SL7-FL230-B 171414
			SL7-L230-G 171474	SL7-BL230-G 171397	SL7-FL230-G 171415
			SL7-L230-R 171475	SL7-BL230-R 171398	SL7-FL230-R 171416
			SL7-L230-W 171476	SL7-BL230-W 171399	SL7-FL230-W 171417
			SL7-L230-Y 171477	SL7-BL230-Y 171400	SL7-FL230-Y 171418
			SL7-L230-A 171426	SL7-BL230-A 171401	SL7-FL230-A 171419

Notes

¹⁾ 110/120 V AC → online catalog

			Continuous light	Flashing light 2 Hz	Strobe light 1.4 Hz	Multistrobe light 1 - 2.6 Hz
	Rated operational voltage ¹⁾ U _e V	Color	Part no. Article no.	Part no. Article no.	Part no. Article no.	Part no. Article no.
High-performance LED module, IP66						
	24 V AC/DC		SL7-L24-B-HP 171427	-	SL7-FL24-B-HP 171420	SL7-FL24-B-HPM 171275
			SL7-L24-G-HP 171428	-	SL7-FL24-G-HP 171421	SL7-FL24-G-HPM 171276
			SL7-L24-R-HP 171429	-	SL7-FL24-R-HP 171422	SL7-FL24-R-HPM 171277
			SL7-L24-W-HP 171430	-	SL7-FL24-W-HP 171423	SL7-FL24-W-HPM 171278
			SL7-L24-Y-HP 171431	-	SL7-FL24-Y-HP 171273	SL7-FL24-Y-HPM 171279
			SL7-L24-A-HP 171432	-	SL7-FL24-A-HP 171274	SL7-FL24-A-HPM 171280
Module with LED, IP66						
	24 V AC/DC		SL4-L24-B 171313	SL4-BL24-B 171337	SL4-FL24-B 171355	SL4-FL24-B-M 171373
			SL4-L24-G 171314	SL4-BL24-G 171338	SL4-FL24-G 171356	SL4-FL24-G-M 171374
			SL4-L24-R 171315	SL4-BL24-R 171339	SL4-FL24-R 171357	SL4-FL24-R-M 171375
			SL4-L24-W 171316	SL4-BL24-W 171340	SL4-FL24-W 171358	SL4-FL24-W-M 171376
			SL4-L24-Y 171317	SL4-BL24-Y 171341	SL4-FL24-Y 171359	SL4-FL24-Y-M 171377
			SL4-L24-A 171318	SL4-BL24-A 171342	SL4-FL24-A 171360	SL4-FL24-A-M 171378
	230/240 V AC		SL4-L230-B 171325	SL4-BL230-B 171349	SL4-FL230-B 171367	-
			SL4-L230-G 171326	SL4-BL230-G 171350	SL4-FL230-G 171368	-
			SL4-L230-R 171327	SL4-BL230-R 171351	SL4-FL230-R 171369	-
			SL4-L230-W 171328	SL4-BL230-W 171352	SL4-FL230-W 171370	-
			SL4-L230-Y 171329	SL4-BL230-Y 171353	SL4-FL230-Y 171371	-
			SL4-L230-A 171330	SL4-BL230-A 171354	SL4-FL230-A 171372	-
Notes ¹⁾ 110/120 V AC → online catalog						

	Rated operational voltage U _e V	Color	Continuous light Filament lamp max. 7 W	Continuous light Filament lamp max. 4 W
			Part no. Article no.	Part no. Article no.
Module for filament lamp, IP66				
	< 250 V AC/DC		SL7-L-B 171433	SL4-L-B 171331
			SL7-L-G 171434	SL4-L-G 171332
			SL7-L-R 171435	SL4-L-R 171333
			SL7-L-W 171436	SL4-L-W 171334
			SL7-L-Y 171437	SL4-L-Y 171335
			SL7-L-A 171438	SL4-L-A 171336

	Description	Rated operating voltage ¹⁾ U _e V	Rated operational current I _e mA	Color	Type of tone	Part no. Article no.
Acoustic modules, IP66						
Place only at the highest position of a tower.						
	Continuous tone or pulsed tone, adjustable with internal dip switch. Sound pressure: 100 db, adjustable via an internal potentiometer f = 2800 Hz	24 V AC/DC	max. 92			SL7-AP24 171281
		230/240 V AC	max. 43			SL7-AP230 171283
	Continuous tone or pulsed tone, external actuation. Assigned two inputs (2 modules). Sound pressure: 100 db, adjustable via an internal potentiometer f = 2800 Hz	24 V AC/DC	max. 92			SL7-AP24-E 171284
		230/240 V AC	max. 43			SL7-AP230-E 171286
	Multi-tone; 8 tones, adjustable via an internal dip switch. Sound pressure: 100 db, adjustable via an internal potentiometer f = 500 - 2700 Hz	24 V AC/DC	max. 115			SL7-AP24-M 171287
		230/240 V AC	max. 43			SL7-AP230-M 171289
	Continuous tone or pulsed tone, adjustable via an internal dip switch. Sound pressure: 80 dB. f = 4000 Hz	24 V AC/DC	max. 39			SL4-AP24 171379
		230/240 V AC	max. 21			SL4-AP230 171381
Notes	¹⁾ 110/120 V AC → online catalog					

Description		Tube length	For use with	Part no. article no.	For use with	Part no. Article no.
Base modules						
For horizontal mounting Includes cover max. 5 modules						
	Base with aluminum tube and plastic foot	100 mm	SL7-L-... SL7-BL-... SL7-FL-... SL7-AP-...	Spring-loaded terminals SL7-CB-100 171443	SL4-L-... SL4-BL-... SL4-FL-... SL4-AP-...	Push-in terminals SL4-PIB-100 171297
		250 mm		SL7-CB-250 171444		SL4-PIB-250 171298
		400 mm		SL7-CB-400 171445		SL4-PIB-400 171299
		800 mm		SL7-CB-800 177312		SL4-PIB-800 177313
	Base with aluminum tube and banjo screw	100 mm		SL7-CB-T-100 171452		SL4-PIB-T-100 171305
		250 mm		SL7-CB-T-250 171453		SL4-PIB-T-250 171306
		400 mm		SL7-CB-T-400 171454		SL4-PIB-T-400 171307
		800 mm		SL7-CB-T-800 178460		SL4-PIB-T-800 178461

Description		Tube length	For use with	Part no. article no.	For use with	Part no. Article no.
Base modules						
For horizontal mounting Includes cover max. 5 modules				Spring-loaded terminals		Push-in terminals
	Base with internal fixing holes	-	SL7-L-... SL7-BL-... SL7-FL-... SL7-AP-...	SL7-CB-IMH 171447	SL4-L-... SL4-BL-... SL4-FL-... SL4-AP-...	SL4-PIB-IMH 171300
	Base with built-in (pre-assembled) fixing screws	-		SL7-CB-IMS 171448		SL4-PIB-IMS 171301
	Base with external fixing holes	-		SL7-CB-EMH 171449		SL4-PIB-EMH 171302
	Base: can hold tubes with a diameter of 25 mm (±0.5)	-		SL7-CB-TM 179987		SL4-PIB-TM 179986
Base with fast mounting system				Screw terminals		Screw terminals
	max. 5 modules	100 mm		SL7-FMS-100 171456		SL4-FMS-100 171308
		250 mm		SL7-FMS-250 171457		SL4-FMS-250 171309
		400 mm		SL7-FMS-400 171458		SL4-FMS-400 171310
		800 mm		SL7-FMS-800 178462		SL4-FMS-800 178463
	max. 5 modules max. 0.3 A per module An external power supply can be connected (24 V DC) Configurable with the SWD-Assist planning and ordering tool	100 mm		Blade terminal SWD4-8MF2 SL7-SWD 171459 		Blade terminal SWD4-8MF2 SL4-SWD 171311 
Identical to SL7-FMS... and SL7-SWD						
max. 4 modules AS-Interface version 2.0 Power supply via AS-i (max. 190 mA)		100 mm	SL7-L(24)-... SL7-BL24-... SL7-FL24-... SL7-AP24-...	SL7-FMS-ASI-V20 197318		
max. 4 modules AS-Interface version 2.0 Power supply via external source (24 V DC)				SL7-FMS-ASI-V20E 197319		
max. 3 modules AS-Interface version 2.1 Power supply via AS-i (max. 190 mA)				SL7-FMS-ASI-V21 197320		
max. 3 modules AS-Interface version 2.1 Power supply via external voltage source (24 V DC)				SL7-FMS-ASI-V21E 197321		
max. 4 modules AS-Interface version 3.0 Power supply via AS-i (max. 190 mA)				SL7-FMS-ASI-V30 197322		
max. 4 modules AS-Interface version 3.0 Power supply via external voltage source (24 V DC)				SL7-FMS-ASI-V30E 197323		

Moeller series

Description		Tube length	For use with	Part no. Article no.	For use with	Part no. Article no.
For vertical mounting Includes cover				Spring-loaded terminals		Push-in terminals
	One-sided base with bracket max. 5 modules		SL7-L-... SL7-BL-... SL7-FL-... SL7-AP-...	SL7-CB-FW 171450	SL4-L-... SL4-BL-... SL4-FL-... SL4-AP-...	SL4-PIB-FW 171303
For vertical mounting on both sides Includes cover				Spring-loaded terminals		Push-in terminals
	Base with external fixing holes Max. 2 x 5 modules		SL7-L-... SL7-BL-... SL7-FL-... SL7-AP-...	SL7-CB-D 171451	SL4-L-... SL4-BL-... SL4-FL-... SL4-AP-...	SL4-PIB-D 171304
For vertical mounting on one side Includes cover				M12A plug, 4-pole		
	Base with external fixing holes max. 3 modules		SL7-L-... SL7-BL-... SL7-FL-... SL7-AP-...	SL7-CB-D-M12A4 177351		
Lifespan		Rated operational voltage	Power	For use with	Part no. Article no.	
h		U _e V				
Magnetic base, includes M20 cable gland						
For vertical mounting, metal and plastic		-	-	SL4-PIB-100(250)(400) SL7-CB-100(250)(400)	SL7/4-MMS 172954	
						
Mounting bracket						
For vertical mounting, plastic		-	-	SL4-PIB-100(250)(400) SL4-FMS... SL7-CB-100(250)(400) SL7-FMS...	SL7/4-FW 171446	
						
Mounting bracket, includes M20 cable gland						
For vertical mounting, metal		-	-	SL4-PIB-T... SL7-CB-T...	SL7/4-FW-T 171455	
						
Replacement cover for signal towers						
for signal towers		-	-	SL7-... SL4-...	SL7-COV 192368 SL4-COV 192369	
						
Tool for replacing the filament lamp						
-		-	-	-	SL7/4-BET 171294	
						
Filament lamps						
socket: Ba15d						
	> 3000	12 V	5 W	SL7-L-...	SL7-L12 171290	
		24 V	6.5 W		SL7-L24 171291	
		120 V	7 W		SL7-L120 171292	
		230 V	6.5 W		SL7-L230 171293	
	> 3000	12 V	4 W	SL4-L-...	SL4-L12 171382	
		24 V			SL4-L24 171383	
		120 V			SL4-L120 171384	
		230 V			SL4-L230 171385	