



optional model modulCOMPACT70

As an option to the standard version (single modules are assembled) in projects with higher quantities with same configuration a single pcb model can be offered. This minimizes in larger projects the cost per signal tower and allows the most economic solution. This product option is offered with 8 LEDs per position (single modules 10 LEDs)



QUICK MOUNT SYSTEM „FOOT ADAPTER“ (Pat.No. 501053) (Base type DFR)



Quick mounting system "Foot adapter" saves the customer the electrical connection and eases considerably mounting of signal tower for machine manufactures and their customers. Detailed description see page 61.

Features

- ▶ modularly designed flexible LED signal tower system
- ▶ signal tower is supplied ready for installation according to buyer's specifications
- ▶ available in voltages 24 V AC/DC, 110/120 V AC and 230/240 V AC
- ▶ 6 lens colours, 2 housing colours
- ▶ PLC fit (leakage/inrush current)
- ▶ UL-certified, protection class IP 65, UL 4, 4X, 13
- ▶ excellent price-performance ratio



CONFIGURATION
LED-SIGNAL TOWER modulCOMPACT70



LIGHT MODULES	Light source	Type
LED-Steady light	LED	DLL
LED-Flashing light		DLB
PIEZO BUZZER	Sound pressure	
Continuous tone	100 dB	DDD
	85 dB	DLD
Pulsing tone	100 dB	DDP
	85 dB	DLP
Continuous and Pulsing tone externally switchable	100 dB	DDZ
	85 dB	DLZ

BASES



horizontal
DMW

vertical
DMV

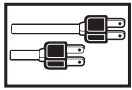
on aluminium pole
with plastic foot
DMR

on aluminium pole
for horizontal
mounting with
screw
DSW

DSW + BSS

set for vertical
mounting
BSS
(with DSW)

on aluminium pole
with foot adapter
for
quick mounting
DFR



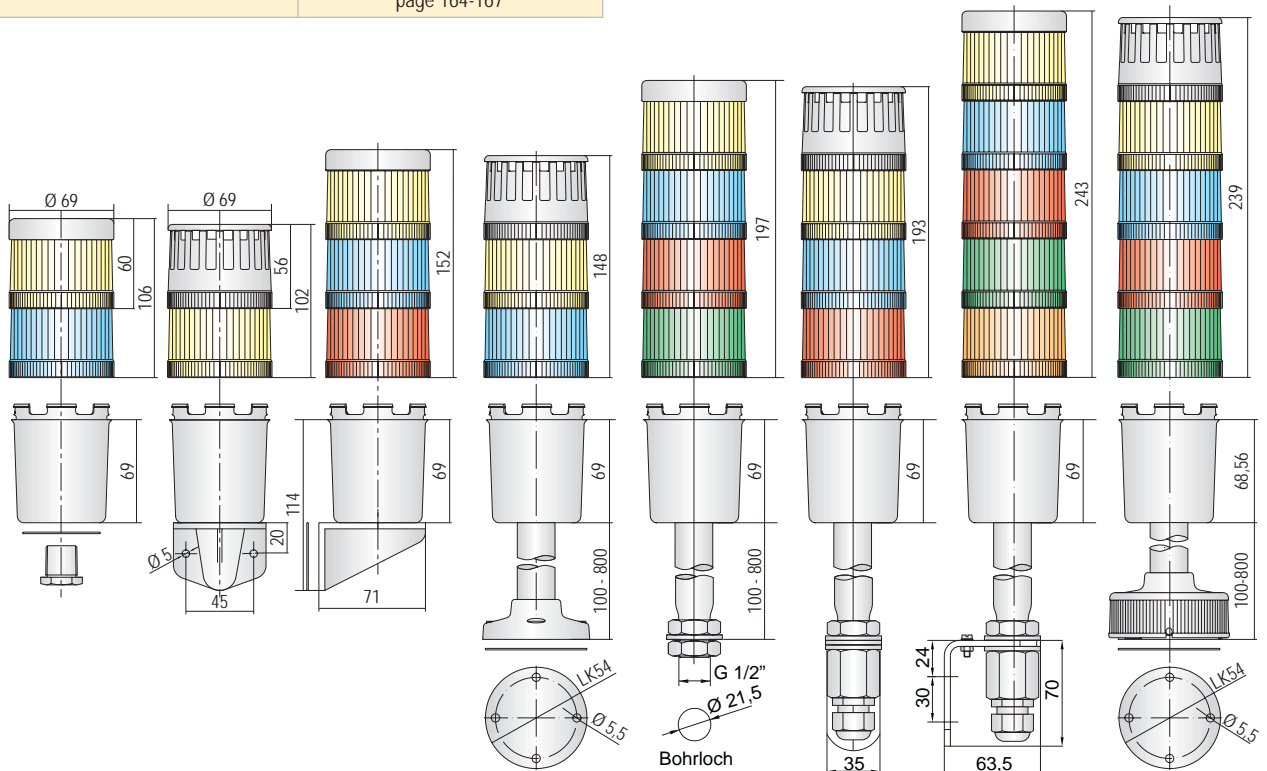
Technical data

for all modulCOMPACT70 modules/products:

Housing material polycarbonate, grey or black
 Lens material polycarbonate
 Lens colours amber, red, clear, blue, green, yellow
 Terminal pre-wired, 1 m cable length - other lengths available on request
 Temperature range -25 °C to +60 °C

Light modules	DLL	DLB
Lighttype - LED	steady light	flashing light
Flashing frequency		2 Hz
Light emission	360°	
Leakage/Inrush current	3 mA	
Nominal current 24 (V)	30 mA	
Protection class	IP 65, UL type 4, 4X, 13	
Weight	15 g	17 g
Weight (Bases)	pls. refer to general weight list on page 164-167	

Buzzer-modules	DDD	DDP	DDZ	DLD	DLP	DLZ
Tone type	continuous	pulsing	cont./pulsing	continuous	pulsing	cont./pulsing
Tone frequency	3.500 Hz					
Sound pressure	100 dB			85 dB		
Leakage	3 mA					
Nominal current 24 (V)	53 mA					
Tone selection			externally switchable			externally switchable
Protection class	IP 65, UL type 4, 4X, 13					
Weight	20 g					



DMW

DMV

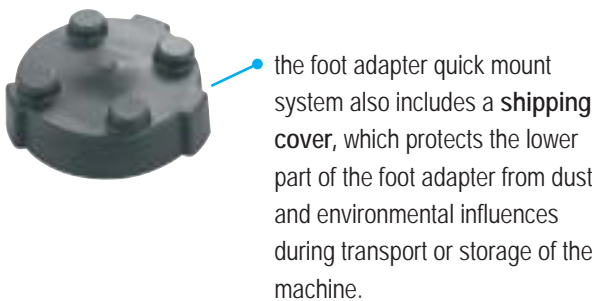
DMR

DSW

BSS

DFR

QUICK MOUNT SYSTEM „FOOT ADAPTER“ (Pat.No. 501053) (Base type DFR)



Function

- the signal tower with pole mount base on aluminium tube with foot adapter for quick mounting (DFR) is electrically pre-wired
- the foot adapter lower part is mounted on the machine etc. and electrically connected
- the signal tower with foot adapter upper part is inserted into the lower part and firmly mounted by twisting the fixing ring
- the signal tower is immediately fully operable

Advantages

- simple and cost saving disassembly of signal tower for transport of machine etc.
- quick cost saving installation of complete signal tower at client
- immediate function, no electrical connection required at client
- safe transport of signal tower (separately packed)
- additional locking option of signal tower with safety screw that cannot be lost
- signal tower fits only in one position onto the foot adapter lower part – no wrong installation of signal tower possible



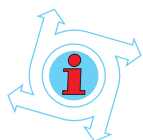
Module combinations

Can be used on position	1	2	3	4	5	Remark
LED-Light modules	OK	OK	OK	OK	OK	to be used in any position
Buzzer-modules (only continuous or pulsing tone)	OK	OK	OK	OK	OK	to be used only on top position
Buzzer-modules, (continuous and pulsing tone, externally switchable)	OK	OK	OK	OK	-	to be used only on top position



Order data

Type	Leuchten			Order No.			Nominal voltage (V)
DLL	LED-steady light	LED		705 00C 900P			
DLB	LED flashing light	LED		706 00C 900P			
	Buzzer	Tone type	Sound pressure	Housing grey	Housing black	Housing silver	
DDD	Piezo buzzer	continuous tone	100 dB	707 100 900P	707 500 900P	707 800 900P	
DDP	Piezo buzzer	pulsing tone		707 110 900P	707 510 900P	707 810 900P	
DDZ	Piezo buzzer	continuous/pulsing externally switchable		707 120 900P	707 520 900P	707 820 900P	
DLD	Piezo buzzer	continuous tone	85 dB	707 101 900P	707 501 900P	707 801 900P	
DLP	Piezo buzzer	pulsing tone		707 111 900P	707 511 900P	707 811 900P	
DLZ	Piezo buzzer	continuous/pulsing externally switchable		707 121 900P	707 521 900P	707 821 900P	
Basen							
DMW	Base for horizontal mounting up to 3 modules			708 100 405M	708 500 405M	708 800 405M	24 V AC/DC
				708 100 310M	708 500 310M	708 800 310M	110/120 V AC
				708 100 313M	708 500 313M	708 800 313M	230/240 V AC
	Base for horizontal mounting up to 5 modules			708 101 405M	708 501 405M	708 801 405M	24 V AC/DC
				708 101 310M	708 501 310M	708 801 310M	110/120 V AC
				708 101 313M	708 501 313M	708 801 313M	230/240 V AC
DMV	Base for vertical mounting up to 3 modules			708 110 405M	708 510 405M	708 810 405M	24 V AC/DC
				708 110 310M	708 510 310M	708 810 310M	110/120 V AC
				708 110 313M	708 510 313M	708 810 313M	230/240 V AC
	Base for vertical mounting up to 5 modules			708 111 405M	708 511 405M	708 811 405M	24 V AC/DC
				708 111 310M	708 511 310M	708 811 310M	110/120 V AC
				708 111 313M	708 511 313M	708 811 313M	230/240 V AC
DSW	Pole mount base on aluminium tube for horizontal mounting with screws, up to 3 modules			708 12L 405M	708 52L 405M	708 82L 405M	24 V AC/DC
				708 12L 310M	708 52L 310M	708 82L 310M	110/120 V AC
				708 12L 313M	708 52L 313M	708 82L 313M	230/240 V AC
	Pole mount base on aluminium tube for horizontal mounting with screws, up to 5 modules			708 13L 405M	708 53L 405M	708 83L 405M	24 V AC/DC
				708 13L 310M	708 53L 310M	708 83L 310M	110/120 V AC
				708 13L 313M	708 53L 313M	708 83L 313M	230/240 V AC
BSS	Set for vertical mounting		200 400 900	200 800 900			
DMR	Pole mount base on aluminium tube with plastic foot, up to 3 modules			708 14L 405M	708 54L 405M	708 84L 405M	24 V AC/DC
				708 14L 310M	708 54L 310M	708 84L 310M	110/120 V AC
				708 14L 313M	708 54L 313M	708 84L 313M	230/240 V AC
	Rohrbasis auf Aluminiumrohr mit Kunststofffuß, bis 5 Modulplätze Pole mount base on aluminium tube with plastic foot, up to 5 modules			708 15L 405M	708 55L 405M	708 85L 405M	24 V AC/DC
				708 15L 310M	708 55L 310M	708 85L 310M	110/120 V AC
				708 15L 313M	708 55L 313M	708 85L 313M	230/240 V AC
DFR	Pole mount base on aluminium tube with foot adapter for quick mounting, up to 3 modules			708 16L 405M	708 56L 405M	708 86L 405M	24 V AC/DC
				708 16L 310M	708 56L 310M	708 86L 310M	110/120 V AC
				708 16L 313M	708 56L 313M	708 86L 313M	230/240 V AC
	Pole mount base on aluminium tube with foot adapter for quick mounting, up to 5 modules			708 17L 405M	708 57L 405M	708 87L 405M	24 V AC/DC
				708 17L 310M	708 57L 310M	708 87L 310M	110/120 V AC
				708 17L 313M	708 57L 313M	708 87L 313M	230/240 V AC
Cap - is automatically mounted							



The supply voltage 24 V AC/DC, 110/120 V AC or 230/240 V AC is determined by selecting the base in the desired Voltage. Any modules mounted on the base always operate with 24 V only.

Colour code for lens				C
1	amber	5	blue	
2	red	6	green	
4	clear	7	yellow	

Length code for tubes				L
1	50 mm (not for DFR)	5	500 mm	
2	100 mm	6	600 mm	
3	250 mm	7	800 mm	
4	400 mm			



Position letter code		P
E	5 th position from base	
D	4 th position from base	
C	3 rd position from base	
B	2 nd position from base	
A	1 st position from base	
M	Base mounted on modules	



NOTE:

All base modules/signal towers are prewired as standard with 1 m cable and are supplied ready for use. Individual cable lengths are offered upon request.

Signal tower modulCOMPACT70 are only supplied ready assembled! Therefore one has to indicate the desired configuration by using the position letter code.

How to order Signal Tower modulCOMPACT70



Configuration 230 V AC	Position	Type	Order No. Catalogue	correct order no.
Buzzer pulsing tone	4	DDP	707 510 900P	707 510 900D
LED-flashing light clear	3	DLB	706 00C 900P	706 004 900C
LED-steady light red	2	DLL	705 00C 900P	705 002 900B
LED-steady light blue	1	DLL	705 00C 900P	705 005 900A
Pole mount base on aluminium tube with plastic foot, up to 5 modules, 100 mm long		DMR	708 55L 313M	708 552 313M



Configuration 230 V AC	Position	Type	Order No. Catalogue	correct order no.
LED-steady light red	2	DLL	705 00C 900P	705 002 900B
LED-steady light green	1	DLL	705 00C 900P	705 006 900A
Pole mount base on aluminium tube for horizontal mounting with screws up to 3 modules, 250 mm long + Set for vertical mounting (metal bracket + thread adapter/cable gland)		DSW	708 52L 313M	708 523 313M
		BSS	200 800 900	200 800 900



Configuration 24 V AC/DC	Position	Type	Order No. Catalogue	correct order no.
LED-steady light red	3	DLL	705 00C 900P	705 002 900C
LED-flashing light amber	2	DLB	706 00C 900P	706 001 900B
LED-steady light green	1	DLL	705 00C 900P	705 006 900A
Pole mount base on aluminium tube with foot adapter for quick mounting up to 3 modules, 100 mm long		DFR	708 56L 405M	708 562 405M

