



### optional model modulCOMPACT30:

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)



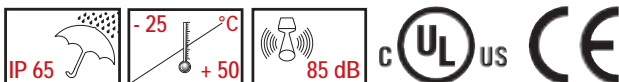
### QUICK MOUNT SYSTEM „FOOT ADAPTER“ (Pat.No. 501053) (Base type CFR)



### 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
- ▶ PLC fit (leakage/inrush current)
- ▶ UL-certified, protection class IP 65, UL 4, 4X, 13
- ▶ excellent price-performance ratio

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 67.



**CONFIGURATION**  
LED-SIGNAL TOWER modulCOMPACT30

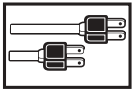


LIGHT MODULES	Light source	Type
LED-Steady light	LED	CLL
LED-Flashing light		CLB
PIEZO BUZZER	Sound pressure	
Continuous tone	85 dB	CDD
Pulsing tone		CDP
Continuous and Pulsing tone externally switchable		CDZ



**BASES**





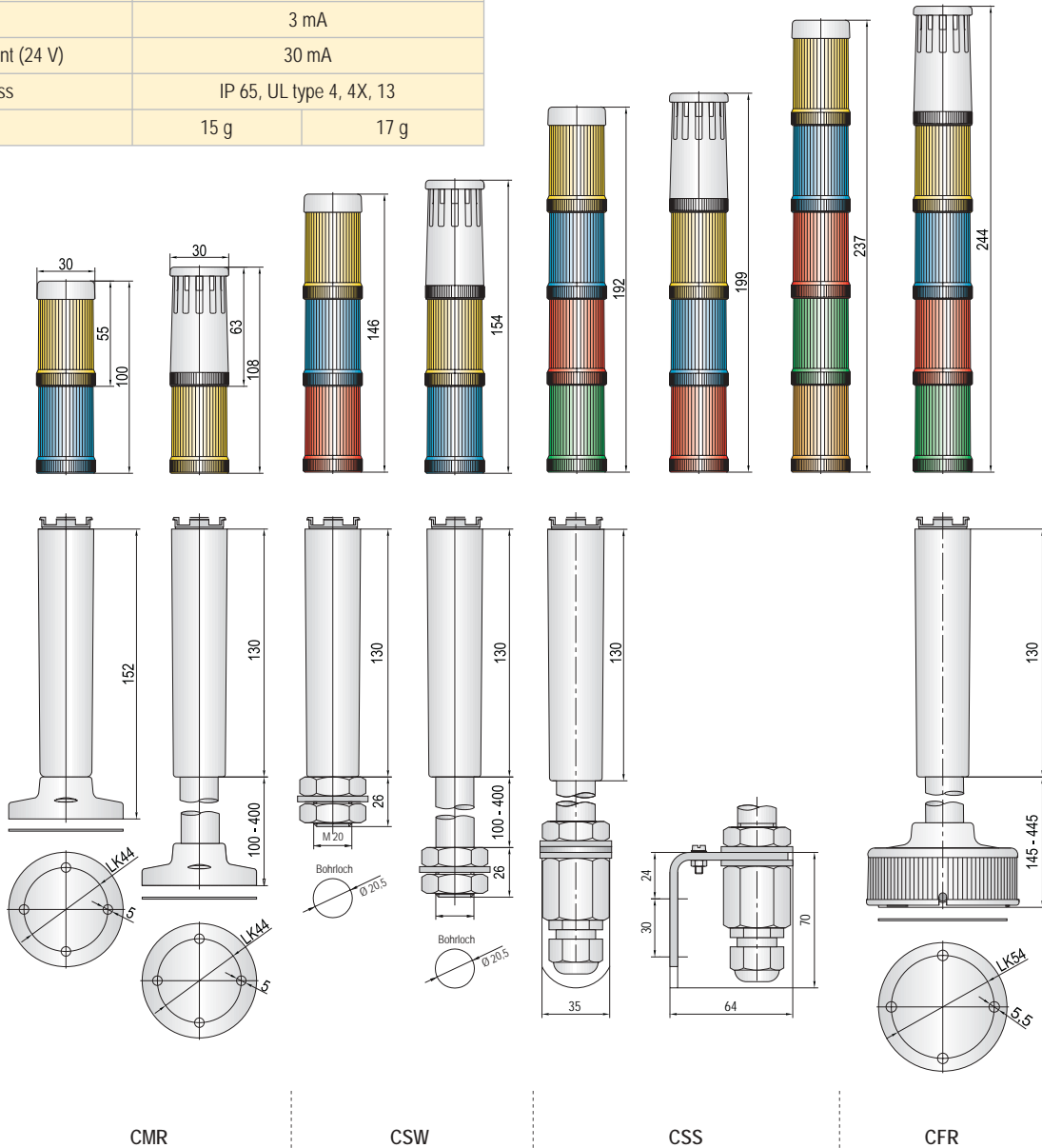
## Technical data

for all modulCOMPACT30 modules/products:

Housing material polycarbonate, grey or black  
 Lens material polycarbonate  
 Lens colours amber, red, clear, blue, green, yellow  
 Terminals prewired, 1 m cable length  
 Temperature range -25 °C to +50 °C

Light modules	CLL	CLB
Light type	LED-steady light	LED-flashing light
Flashing frequency		2 Hz
Light emission		360°
Leakage		3 mA
Nominal current (24 V)		30 mA
Protection class	IP 65, UL type 4, 4X, 13	
Weight	15 g	17 g

Buzzer modules	CDD	CDP	CDZ
Tone type	continuous t.	pulsing tone	cont.-/pulsing t.
Tone frequency	3.500 Hz		
Sound pressure	85 dB		
Leakage	3 mA		
Nominal current (24 V)	40 mA		
Tone selection			extern. switchable
Protection class	IP 65, UL type 4, 4X, 13		
Weight	20 g		
Weight (Bases)	pls. refer to general weight list on page 164-167		



## QUICK MOUNT SYSTEM „FOOT ADAPTER“

(Pat.No. 501053) (Base type CFR)



the foot adapter quick mount system also includes a **shipping cover**, which protects the lower part of the foot adapter from dust and environmental influences during transport or storage of the machine.

### Function

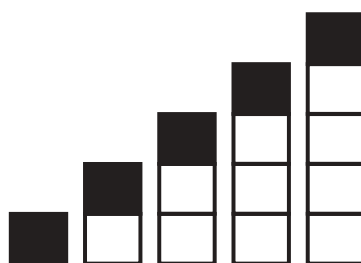
- the signal tower with pole mount base on aluminium tube with foot adapter for quick mounting (CFR) is electrically pre-wired
- the foot adapter lower part is mounted on the machine etc. and electrically connected
- the signal tower with foot adapter upper part is inserted into the lower part and firmly 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

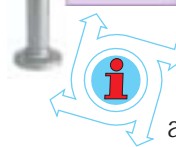
Type	Light modules	Light source	Order No.				
CLL	LED-Steady light	LED	701 00C 900P				
CLB	LED-Flashing light		702 00C 900P				
	Piezosummer-Module	Tone options		Housing grey	Housing black	Housing silver	required positions
		Tone type	Volume				
CDD	Piezo Buzzer	continuous tone	85 dB	703 100 900P	703 500 900P	703 800 900P	1
CDP	Piezo Buzzer	pulsing tone		703 110 900P	703 510 900P	703 810 900P	1
CDZ	Piezo Buzzer	contin./pulsing		703 120 900P	703 520 900P	703 820 900P	2
Type	Bases			Housing grey	Housing black	Housing silver	Nominal voltage (V)
CSW	Pole mount base on aluminium tube for horizontal mounting with screw up to 3 modules			700 11L 405M	700 51L 405M	700 81L 405M	24 V AC/DC
				700 11L 310M	700 51L 310M	700 81L 310M	110/120 V AC
				700 11L 313M	700 51L 313M	700 81L 313M	230/240 V AC
	Pole mount base on aluminium tube for horizontal mounting with screw up to 5 modules			700 12L 405M	700 52L 310M	700 82L 310M	24 V AC/DC
				700 12L 310M	700 52L 310M	700 82L 310M	110/120 V AC
				700 12L 313M	700 52L 313M	700 82L 313M	230/240 V AC
CSS	Set for vertical mounting (zu CSW)		700 130 900	700 530 900			
CMR	Pole mount base on aluminium tube with plastic foot up to 3 modules			700 14L 405M	700 54L 405M	700 84L 405M	24 V AC/DC
				700 14L 310M	700 54L 310M	700 84L 310M	110/120 V AC
				700 14L 313M	700 54L 313M	700 84L 313M	230/240 V AC
	Pole mount base on aluminium tube with plastic foot up to 5 modules			700 15L 405M	700 55L 405M	700 85L 405M	24 V AC/DC
				700 15L 310M	700 55L 310M	700 85L 310M	110/120 V AC
				700 15L 313M	700 55L 313M	700 85L 313M	230/240 V AC
CFR	Pole mount base on aluminium tube with foot adapter for quick mounting up to 3 modules			700 16L 405M	700 56L 405M	700 86L 405M	24 V AC/DC
				700 16L 310M	700 56L 310M	700 86L 310M	110/120 V AC
				700 16L 313M	700 56L 313M	700 86L 313M	230/240 V AC
	Pole mount base on aluminium tube with foot adapter for quick mounting up to 5 modules			700 17L 405M	700 57L 405M	700 87L 405M	24 V AC/DC
				700 17L 310M	700 57L 310M	700 87L 310M	110/120 V AC
				700 17L 313M	700 57L 313M	700 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.

**Position letter code** P

E		5 <sup>th</sup> position from base
D	P	4 <sup>th</sup> position from base
C		3 <sup>rd</sup> position from base
B		2 <sup>nd</sup> position from base
A		1 <sup>st</sup> position from base
M		= Base mounted on modules



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

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

Length code for tubes		L
0	0 mm	
2	100 mm	
3	250 mm	
4	400 mm	

Signal tower modulCOMPACT30 are only supplied ready assembled! Therefore one has to indicate the desired configuration by using the position letter code.

## How to order Signal tower modulCOMPACT30



Configuration 230 V AC	Position	Type	Order No. Catalogue	correct order No.
Buzzer pulsing tone	5	CDP	703 510 900P	703 510 900E
LED-flashing light red	4	CLB	702 00C 900P	702 002 900D
LED-steady light clear	3	CLL	701 00C 900P	701 004 900C
LED-steady light blue	2	CLL	701 00C 900P	701 005 900B
LED-flashing light amber	1	CLB	702 00C 900P	702 001 900A
Pole mount base on aluminium tube with plastic foot, up to 5 modules, 100 mm long		CMR	700 55L 313M	700 552 313M



Configuration 24 V AC/DC	Position	Type	Order No. Catalogue	correct order No.
LED-steady light red	2	CLL	701 00C 900P	701 002 900B
LED-steady light green	1	CLL	701 00C 900P	701 006 900A
Pole mount base on aluminium tube for horizontal mounting with screw, up to 3 modules 250 mm long & Set for vertical mounting (metal bracket + thread adapter/cable gland)		CSW	700 11L 405M	700 113 405M
		CSS	700 130 900	700 130 900