

# > COMSET CX

## Comforte line



### Characteristics

- attractively designed, user-friendly operating unit
- integrated climate control, lighting and sun blind control
- adjustable keys
- various default configurations

### Integrated climate control, lighting and sun blind control

In addition to heating, cooling and ventilation, the Comforte CX line can also control lighting and sun blinds. This level of control integration offers greater individual comfort, reduced energy consumption and lower installation costs. Controlling the climate, heating and sun blinds requires only a single operating unit: the Comset CX. This enhances user-friendliness, is more attractive in terms of appearance and reduces installation effort and materials.














### Attractive, user-friendly operating unit

The Comset CX is the operating unit for the Comforte CX line. It is equipped with an LCD, push-buttons and a temperature sensor. Using the flexible key layout the Comset CX can be personalised exactly for the user and room. The LCD displays the desired setting when the unit is operated, at all other times the screen displays the time, outside temperature, room temperature or is blank.

















### Adjustable keys



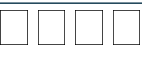
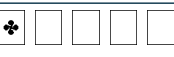




TC Engineer can be used to define which settings are affected by the scene key, such as occupancy settings, lighting and sun blind settings. The values desired for each scene can be set in TC Manager. In addition to the settings keys, there is key that can call up a series of readings such as measured room temperature and outside temperature.

### Available keys

Keys						
						
present	comfort	stand-by	night	overtime	room temperature	outside temperature
						
heating active	fan position 0 (off), A (automatic), bars indicate the current position	cooling active	lighting	scene key	sun blind	

## Standard configurations

	Comset CX		Comset CX Fan- coil unit		Comset CX Hotel		
							
Component	Comset CX (white)	Comset CX (silver)	Comset CX Fan Speed (white)	Comset CX Fan Speed (silver)	Comset CX Hotel (white)	Comset CX Hotel (silver)	Comset CX Hotel Internationaal (off-white)
Part number	400110	400120	400111	400121	400112	400122	400115
Application	Offices		Offices with ventilation adjustment		Temperature and ventilation adjustment		Temperature and ventilation adjustment with Fahrenheit-Celsius key
Extra keys (left or right)							
Extra left-side keys							
Extra right-side keys							

	Comset CX Universal		Comset CX Universal with function selection		
					
Component	Comset CX Universal (white)		Comset CX Universal (silver)	Comset CX Universal with function selection (white)	Comset CX Universal with function selection (silver)
Part number	400113		400123	400114	400124
Application	Applications with several lighting and sunblind groups.			Applications with several lighting and sunblind groups.	
Extra keys (left or right)					
Extra left-side keys					
Extra right-side keys					
Working principal	There is one 'Up' key or 'Down' key for each setting.			In order to change a setting, the setting must first be selected using the appropriate key, followed by the 'Up' or 'Down' key to change the settings. For on/off actions the function key works as an on/off switch without the need to operate the 'Up' and 'Down' keys.	

## Specifications

General	
Dimensions without text card cover	92 x 120 x 36 (wxhxd in mm)
Dimensions with text card cover	92 x 125 x 36 (wxhxd in mm)
Weight without text card cover	106 grams

Power supply	
Maximum supply current Comset bus	2 mA

Housing	
Construction	Base with ventilation openings for temperature measurement Front panel Keys Text card cover (optional)
Cable feed	Opening in base Snap-out moulded apertures in base (bottom/top)
Installation type	Wall mounting or mounting to standard flush-fit box
Material base/front panel	ABS
Front panel colour	White, similar to RAL9010 (type White) Silver, similar to RAL9006 (type Silver)
Base colour	Light grey, similar to RAL7044 (type White) Grey, similar to RAL7024 (type Silver)
Protective rating	IP40 NEN-IEC 60529
Fire rating	V0
Recycle code	7

Environmental requirements	
Permitted ambient temperature during normal operation	0 to 50° C
Permitted ambient temperature during transport and storage	-20 to 70° C
Permitted relative ambient humidity	80% at T ≤ 30° C, linear degression to 50% at T = 40° C (non-condensing)
Installation category	Installation category (overvoltage category) II
Permitted ambient pollution	Pollution degree 2

Display	
Type of display	LCD with digits and symbols
Dimensions without text card cover	41.6 x 26.6 (hxd in mm)
Dimensions with text card cover	40 x 25 (hxd in mm)

Operation	
Means of operation	Keys
Maximum number of keys	12 (depending on model)

Communication with Comforte	
Type of connector	RJ45 8-8 or RJ45 8-6
Cable type	Unshielded with 6 or 8 cores (e.g. UTP Ethernet cable)
Maximum cable length	25 m

Temperature measurement	
Measurement range	0 to 50° C
Accuracy (in combination with Comforte)	Between 0 and 5° C: ±0.45° C Between 5 and 35° C: ±0.30° C Between 35 and 50° C: ±0.45° C

Text card cover	
Item	Comset CX Transparent text card cover
Item number	400100
Material text card cover	Styrene acrylonitrile copolymer
Text card cover colour	Transparent
Text card dimensions	62 x 41 (hwx in mm)
Weight	18 grams

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