

## DIGITAL INDOOR CLOCK

# SLH-DC

*The model series SLH-DC is optimally suited for the use in operating theaters, clean room environments, chemical plants, laboratories, swimming and fitness centers, as well as the food and beverage industry, canteen kitchens etc.*



# 5 STEPS TO YOUR SLH-DC

To make sure your digital clock meets all your requirements, you can assemble the components individually. Choose from various sizes, colors, and display variants, as well as installation options and additional options. Configure your SLH-DC according to your wishes, suitable for rooms and general conditions. Our experts will be happy to help you if you have questions.

## 1.

### Define your display type and digit height

#### FORMAT

You have the choice. Display type, digit size, and number of digits offer multiple variations. The reading distance varies depending on the color, lighting, viewing angle, etc. The order code is composed as follows:

Digit height	10:08	10:08 <sup>25</sup>	10:08:25	Reading distance
57 mm	57.4	57.6	57x.6	25–30 m
57 mm two lines	57.4.2	57.6.2	57x.6.2	25–30 m
100 mm	100.4	100.6	100x.6	40–60 m

## 2.

### Choose your display color

#### DISPLAY COLOR

The display background is black, offering optimal display contrast with a viewing angle of 160 degrees. The digit color is selectable. The available variants:



## 3.

### Which installation solution works?

#### INSTALLATION SOLUTION

Choose the one- or double-sided solution and pick a fitting installation option.



**N.N**  
Wall mounting single-sided



**N.F**  
Flush mounting



**N.Sxx**  
Ceiling suspension single-sided

**D.Sxx**  
Ceiling suspension double-sided

xx = 5/10/30/50cm

# 4. Which time code do you need?

## SYNCHRONIZATION

The SLH-DC is designed for all common synchronization types, and is also a good solution as a supplement to existing systems.

CODE	SYNCHRONIZATION	POWER SUPPLY
<b>STD</b>	Autonomous / MOBALine / (un)polarized 24 VDC pulses	Mains
<b>SI</b>	Like STD, with RS-232, RS-485 and IRIG-B interface	Mains
<b>NTP</b>	NTP	Mains
<b>PoE</b>	NTP	PoE
<b>PoEclass</b>	Like PoE, supports performance class output	PoE
<b>WiFi</b>	WiFi (2.4 GHz), NTP <sup>1</sup>	Mains
<b>WiFi5</b>	WiFi (2.4/5.0 GHz), NTP <sup>1</sup>	Mains

<sup>1</sup> Not available for installation solution N.F

## YOUR SLH-DC CLOCK IS COMPLETE

You can now order your SLH-DC and calculate the corresponding code. Enter the abbreviation for each component of your choice in the bright field and find your product code. It can be used immediately as an order code.

**My SLH-DC clock** SLH-DC.

**1. Format** Code

**2. Display color** Code

**3. Installation solution** Code

**4. Synchronization** Code

**5. Option** Code

# 5. Want additional options?

## OPTIONS

On request, the SLH-DC can be equipped with the following additional features:

CODE	OPTION
<b>VDC</b>	Power supply via 18–56 VDC
<b>VDC 12V</b>	Power supply via 12–16 VDC
<b>REL</b>	Internal relay <sup>1</sup>
<b>REL-IP</b>	Internal relay with firmware for switching functions <sup>1</sup>
<b>SC</b>	Battery-free RTC backup with supercapacitor for 12h
<b>SL</b>	SMD diode display

<sup>1</sup> not available for SLH-DC 57.4

## Do you need accessories?

### ACCESSORIES

Whether high-precision synchronization from satellite or radio, convenient operation, or temperature display – you can find the right accessories for your clock here.

CODE	ACCESSORY
IR	remote IR controller
AD 650	DCF77 radio signal receiver
GNSS 4500	GNSS receiver including antenna
SKH	stainless steel keyboard for clock and stopwatch control, cable 5m, handheld
SKF	stainless steel keyboard for clock and stopwatch control, flush mounting
SKW	stainless steel keyboard for clock and stopwatch control, wall mounting
TP 3m	temperature sensor, IP 66, cable 3m
TP 30m	temperature sensor, IP 66, cable 30m
TP RS485	temperature sensor with RS 485 interface, power supply 12 VDC, cable between sensor and interface 3 m (for SI version only)
TP LAN	temperature sensor with Ethernet interface, power supply 5 VDC, cable between sensor and interface 3 m (for NTP, PoE and WiFi version only)

## Example order code

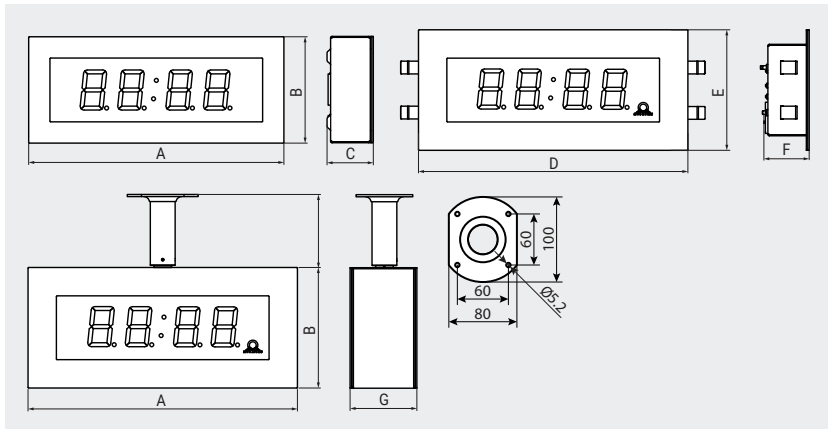


	1.	2.	3.	4.	5.
<b>SLH-DC.</b>	57.6.2.	R.	N.N.	STD.	<input type="checkbox"/>
SLH-DC	digit height 57mm HH:MM <sup>SS</sup> , two lines	red display	wall mounting, single-sided	standard version	no option

# TECHNICAL DATA

SLH-DC	57.4	57.6	57x.6	100.4	100.6	100x.6	
Digit height (mm)	57	57/38	57	100	100/57	100	
Display features	Time display in 12-hour or 24-hour format Alternating display of time, date and temperature <sup>1</sup> (in °C or F°), air pressure <sup>1</sup> and humidity <sup>1</sup> Automatic or manual display brightness adjustment Stopwatch (count up to 24 hours, countdown from set value, display of time intervals, freezing of display...) Stopwatch operation via push buttons, IR remote control						
Material	Housing: stainless steel V2A Cover glass: anti-reflective polycarbonate						
Power supply	Standard: 100 – 240 VAC, 50 – 60 Hz VDC (option, not for PoE version): 24 VDC PoE version: PoE (IEEE 802.3af class 0)						
Power consumption (VA)	SS	7 (2L: 11)	8 (2L: 16)	8 (2L: 16)	7	8	10
	DS	11	16	16	11	16	18
	SS PoE	7 (2L: 11)	8 (2L: 15)	8 (2L: 15)	7	8	10
	DS PoE	11	15	15	11	15	15
Quartz accuracy at 20 °C	± 0.1 seconds/day without synchronization (after 24 hours of synchronization at constant temperature)						
RTC backup/ quartz-based time maintenance	Mains power supply	from lithium battery: > 2 years (without power supply) / > 15 years (with power supply)					
	PoE power supply	no time maintenance					
Temperature precision	-25 to +85 °C: ±0.5 °C, -50 to +125 °C: ±2.0 °C						
Operating conditions	-5 to +55 °C (0 to 95% relative humidity, non-condensing)						
Degree of protection	IP 54						
Standards	2002/96/EC / 2011/65/EU / 2014/30/EU / 2014/35/EU / EN 50121-4 / EN 55022 / EN 55024 / EN 60950-1						
Weight (kg)	SS	2.6 (2L: 4)	3.3 (2L: 5)	3.5 (2L: 5.5)	4.7	5.8	6.5
	DS	4	5	5.5	7.3	9	10
Dimensions (in mm, see below)	A	360	450	480	555	695	770
	B	150 (2L: 260)			220		
	C	65					
	D	380	470	500	555	695	770
	E	170 (2L: 280)			220		
	F	62					
	G	95					

SS = single-sided; DS = double-sided; 2L = two lines  
<sup>1</sup> only with external temperature sensor



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*Have questions?  
We are happy to help.*

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