MOBATIME

SWISS TIME SYSTEMS

DIGITAL INDOOR CLOCK

ECO-SLH-DC

The ECO-SLH-DC is optimally suited for use in operating rooms, clean room environments, chemical plants, labs, swimming and fitness centres, as well as in the food and beverage industry, canteen, kitchens, etc.

4 STEPS TO YOUR ECO-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 ECO-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 viewing angle is 160 degrees. 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 25	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:

red (R)	yellow (A)	green (G)	pure green (PG)	blue (B)	white (W)

3. Which time code do you need?

SYNCHRONIZATION

The ECO-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
STD	Autonomous / MOBALine / (un)polarized 24 VDC pulses	Mains
SI	Like STD, with RS-232, RS-485 and IRIG-B interface	Mains
NTP	NTP	Mains
PoE	NTP	PoE
PoEclass	Like PoE, supports performance class output	PoE

4. Want additional options?

OPTIONS

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

CODE	OPTION
VDC	Power supply via 18–56 VDC
VDC 12V	Power supply via 12–16 VDC
REL	Internal relay[1]
SC	Battery-free RTC backup with supercapacitor for 12h
SL	SMD diode display

[1] not available for ECO-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)
Back cover	Back cover (order with the appropriate clock format, e.g. „Back cover ECO-SLH-DC.57.4.2“)

YOUR ECO-SLH-DC CLOCK IS COMPLETE

You can now order your ECO-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 ECO-SLH-DC clock ECO-SLH-DC.

1. Format Code .

2. Display color Code .

3. Synchronization Code .

4. Option Code

Example order code

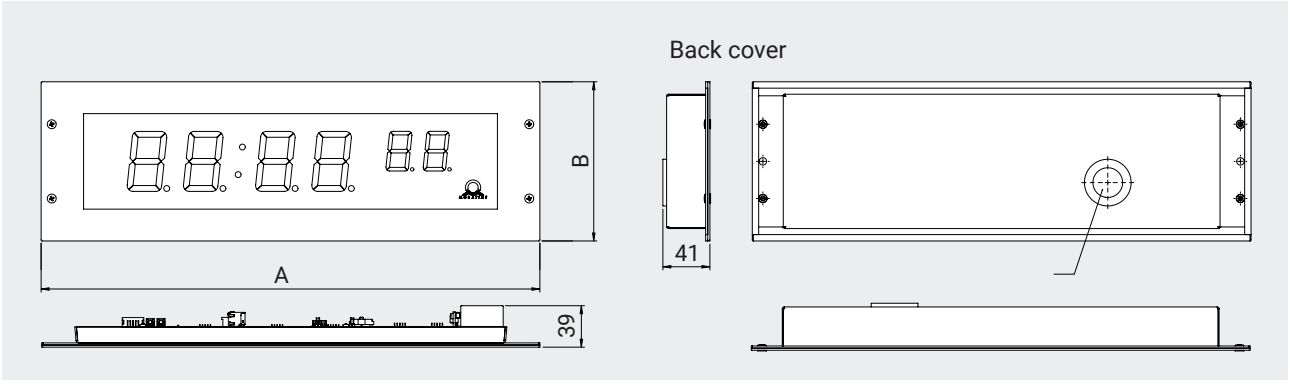
	1.	2.	3.	4.
ECO-SLH-DC.	57.6.	R.	N.F.[1] .	STD.
ECO-SLH-DC	digit height 57mm HH:MMss	red display	flush mounting	standard version	no option

[1] standard, cannot be changed

TECHNICAL DATA

ECO-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[1] (in C° or F°), air pressure[1] and humidity[1] 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)	Mains	7 (2L: 11)	8 (2L: 16)	8 (2L: 16)	7	8	10
	PoE	7 (2L: 11)	8 (2L: 15)	8 (2L: 15)	7	8	10
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) / > 6 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)		2.6 (2L: 4)	3.3 (2L: 5)	3.5 (2L: 5.5)	4.7	5.8	6.5
Dimensions (in mm, see below)	A	380	470	500	555	695	770
	B	150 (2L: 260)			220		

2L = two lines
[1] only with external temperature sensor



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Have questions?
We are happy to help.

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