Stainless steel digital clock for ceiling, wall or flush mounting

Model Series 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.

Your advantages at a glance:
- High-quality stainless steel housing
- Highly resistant against cleaning and disinfection agents
- Anti-glare and anti-reflective front cover made of polycarbonate glass for ideal readability
- Dustproof and splashproof, IP 54
- Sensor-controlled, automatic or manual brightness control of the display
- Alternating time, date and temperature display, duration of the display can be customized

SLH-DC Model series - Variants

Mechanics

- Anti-glare and anti-reflective front cover made of polycarbonate glass for ideal readability and a wide viewing angle
- Single-sided model for wall or flush mounting
- Double-sided model for wall bracket mounting or suspension from ceiling
- High-quality stainless steel housing with particular resistance against cleaning and disinfection agents
- Dustproof and splashproof protected, IP 54

Display Features

- Time and date display with six digits (HH:MM^{SS} or DD.MM.^{YY})
- Alternating display of time, date and temperature, with adjustable time period for the different figures in the range of 0 - 60 sec
- 7-segment LED technology with digit height of 57 mm (seconds 38 mm) for a reading distance of up to 25 m or digit height 100 mm (seconds 57 mm) for a reading distance up to 40 m
- Display available in red, green, pure green and yellow
- Sensor controlled automatic or manual adjustment of the display brightness
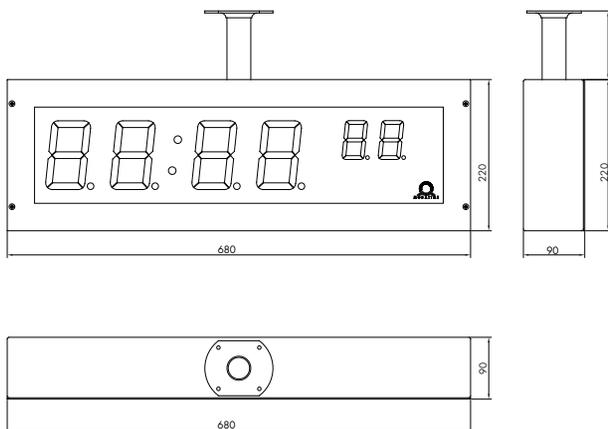
Synchronization

- Autonomous operation with internal quartz time base with programmable, automatic seasonal time change or with external DCF or GPS time signal receiver
- Slave clock operation: MOBALine (self-setting), NTP over Ethernet, WTD (Wireless Time Distribution, 868 MHz, NFS87-500) Option: IRIG-B, RS 232 / RS 485
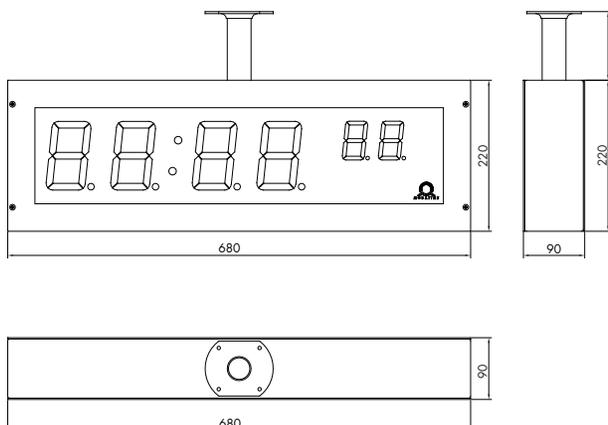
Only for NTP or PoE variants:

- Automatic setting of the network parameters by DHCP (Dynamic Host Configuration Protocol) or setting of parameters via Telnet
- Ethernet version synchronizes NTP (Network Time Protocol), optional supply by PoE (Power over Ethernet) or 230 VAC
- Firmware update by LAN by means of the TFTP protocol (Trivial File Transfer Protocol) is possible
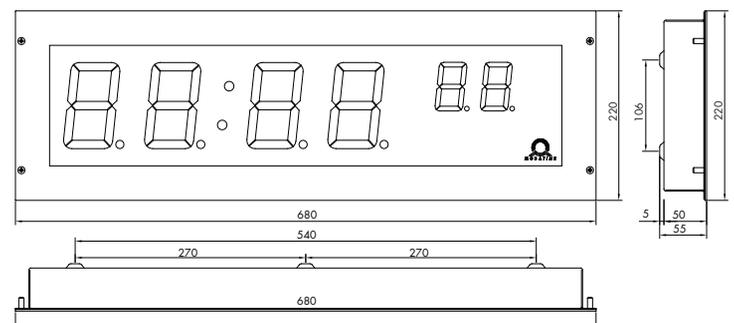
SLH-DC.100.6.x.N.S - double-sided, ceiling suspension
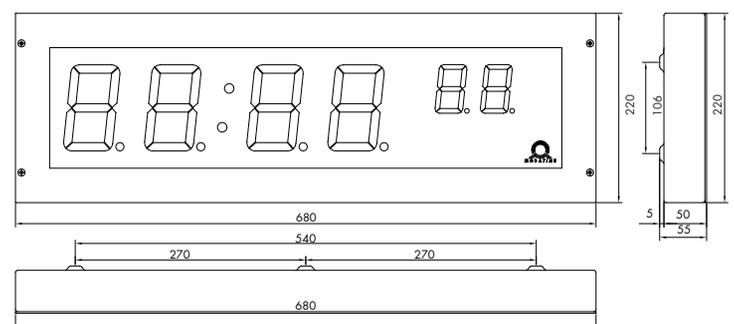

SLH-DC.100.6.x.S.S - single-sided, ceiling suspension

SLH-DC.100.6.x.N.F - single-sided, flush mounting

SLH-DC.100.6.x.N.N - single-sided, wall mounting

Order reference - SLH-DC

| SLH-DC | • 1 • 2 • 3 • 4 • 5 • 6 • 7 |

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Height of digits		1
57 mm / 38 mm	100 mm / 57 mm	57	100
Number of digits		**2**
6-digit	6	6
Display color		**3**
red	R	R
green	G	G
pure green	PG	PG
yellow	A	A
Version		**4**
single-sided	N	N
double-sided	D	D
Mounting		**5**
wall mounting	N	N
ceiling suspension - specify length with order: 5, 10, 30 and 50 cm	Sxx	Sxx
ceiling suspension - specify length with order: up to 100 cm	Sxxx	Sxxx
flush mounting	F	F
Synchronization		**6**
Standard version - autonomous / MOBALine / Impulse 24 VDC	STD	STD
Standard version with built in RS 232, RS 485 and IRIG-B interface	SI	SI
Ethernet version, synchronized with NTP, mains powered	NTP	NTP
Ethernet version, synchronized with NTP, PoE powered	PoE	PoE
WTD wireless synchronization, mains powered	WTD	WTD
Options (cannot be retrofitted)		**7**
Powered by 24 VDC	VDC	VDC
Internal relay with the option to set the switching time in the case of reverse counting of the stop-watch. The relay is triggered at zero crossing and when the reverse counter reaches zero, the contact for the specified period of time will close (contact closes 1-30 sec.), contact rating 230 VAC / 6 A	REL	REL
Accessories		
GPS receiver	GPS 4500	GPS 4500
DCF 77 radio signal receiver	DCF 4500	DCF 4500
Remote IR controller (also for stopwatch function)	DC.IR	DC.IR
External operating element for stopwatch with 5 m connection cable as manual operating panel	SLH-DC.SKH	SLH-DC.SKH
External operating element for stopwatch function for flush mounting	SLH-DC.SKF	SLH-DC.SKF
External operating element for stopwatch function for wall mounting	SLH-DC.SKW	SLH-DC.SKW

SLH-DC 2 separate lines
for simultaneous display of real time and stopwatch time (OR clock for clean room environment)

Ordering number	Description
SLH-DC.57.6.2.R.V.N.N.STD	57 / 38 mm | red | single-sided | 2 separate lines | vertical
SLH-DC.100.6.2.R.V.N.N.STD	100 / 57 mm | red | single-sided | 2 separate lines | vertical
SLH-DC.100.6.2.A.V.N.N.STD	100 / 57 mm | yellow | single-sided | 2 separate lines | vertical
SLH-DC.100.6.2.R/A.V.N.N.STD	100 / 57 mm | red / yellow | single-sided | 2 separate lines | vertical

SLH-DC - Technical details

Technical Data		SLH-DC.57	SLH-DC.100
Display	height of the digits [mm]	57 / 38	100 / 57
Time display format	HH:MM SS	✓	✓
Date display format	DD.MM. YY	✓	✓
Powering	100 - 240 VAC, 50 - 60 Hz	✓	✓
	24 VDC ± 20% (on request)	✓	✓
	PoE (IEEE 802.3af)	✓	✓
Power consumption red, green, pure green, yellow	single-sided, mains powered	8 VA	8 VA
	double-sided, mains powered	15 VA	15 VA
	single-sided, PoE	7 VA	7 VA
	double-sided, PoE	14 VA	14 VA
Quartz accuracy at 20°C	without synchronization	± 0,3 sec / day (measurement over 24 h, after synchronization of at least 24 h)	
Accuracy of temperature measurement	range -25 to +80 °C	± 1.0 °C	
Operating environment	temperature	0 to +50 °C	
	humidity	0 to 95 %, without condensation	
	protection degree	IP 54	
Weight [kg] (without mounting bracket)	single-sided	3.1	6
	double-sided	4.8	8.5
Dimensions [mm] (length x height x depth)	single-sided	450 x 150 x 55	680 x 220 x 55
	double-sided	450 x 150 x 90	680 x 220 x 90
Accessories			
Remote control	IR	✓	✓
Internal relay	REL	✓	✓
DCF 77 radio signal receiver	DCF 4500	✓	✓
GPS receiver	GPS 4500	✓	✓
External operating element for stop-watch function with 5 m connection cable	SKH	✓	✓
External operating element for stop-watch function for flush mounting	SKF	✓	✓
External operating element for stop-watch function for wall mounting	SKW	✓	✓