

CLK-20

TIMER CONTROL



Accurate day and night control

- Extensive light control
- Easy operation
- Secure communication with FarmConnect and FarmRemote

STIENEN AGRI AUTOMATION

Stienen is a leading family company (1977) which has its roots in livestock farming. It is in our nature to be very close to our end users. We are a global supplier of innovative automation solutions for poultry and pig houses. Our climate solutions, automation systems, management software and the accompanying peripheral equipment are all developed and produced in-house.

Stienen
Mangaanstraat 9 - 6031 RT Nederweert
T +31 (0)495 - 63 29 26
E sales@stienen.com
www.stienen.com

STIENEN 



CLK-20-L-EN25040

STIENEN 



CLK-20 Timercontrol

This timer control enables the light to be controlled very extensively in order to accurately simulate a natural day and night rhythm

CLK-20 WITH LIGHT AND TIMER CONTROLS

The straightforward operation makes it very easy for users to program a light control schedule using different start/stop times and dim cycles. To achieve optimum transparency and ease of operation, the 21 freely programmable timer functions are coupled to the master clock. This minimises the risk of any incorrect settings.

Combining the CLK-20 with an electronic light sensor enables considerable energy savings by lowering the lighting intensity as daylight enters.

CLK-20 LIGHTING SCHEDULE

The CLK-20 enables an ideal day and night rhythm to be created. A light control is used to gradually switch the lights on and off.

1. 05:00 a.m.

The lighs switch on, their intensity is increased to 20% over a time span of 4 minutes.
2. 05:20 a.m.

The lighting intensity is increased to 80% over a time span of 20 minutes.
3. 07:50 p.m.

The lighting intensity is lowered to 10% over a time span of 30 minutes; the lag time starts.
4. 08:30 p.m.

The lights switch off.



LS-01 LIGHT SENSOR

The CLK-20 timer control can be combined with the LS-01 electronic light sensor. This light sensor is perfectly suited for poultry houses. This sensor enables the light intensity to be reduced as daylight enters. This can help achieve considerable energy savings.

FARMCONNECT (optional)

The FarmConnect farm software collects all current and historical data of all control computers on your farm, combines this data, and then presents it in clear overviews, graphs and tables.

FarmConnect gives you access to your farm data. Wherever you are, you are always connected to your company so that you can intervene immediately if necessary.

FARMREMOTE (optional)

The remote control feature of the **SmartFeed** feeding computer enables you to read the current data of your animal house remotely using your smartphone, tablet or PC. You can even operate the PL-9500 from the comfort of your armchair.

The Stienen WEB-SEC interface guarantees a secure connection.

SPECIFICATIONS CLK-20

PROGRAMMABLE TIMER FUNCTIONS

Master timer to couple timer functions	1
Light timers, on/off or controllable	8
Timers, on/off	8
Sequential timers e.g. for rinsing water lines	2
Nest timer to open laying nests by pulsed control	1
Daylight control with light sensor	1
• max. 8 motors for skylight control	
• 0-10V control for additional led light control	

INPUTS AND OUTPUTS

Digital inputs	3
Analog 0-10V input	1
0-10V outputs for light control	5
Relay outputs 230Vac 2A	9
Error relay 24Vac 2A	1
Power supply: 24Vdc/160mA (160mA is total value)	3
Power supply: 12Vdc/25mA	1

GENERAL

Power supply	230Vac - 50/60Hz
Connection load	30VA
Dimensions	300x220x120
Protection class	IP-54
Housing material	ABS

EXTENSION OPTIONS

Communication via RS-485 PCB
Module bus connection for external modules