

Slave clocks with sweeping seconds hand
for connection only to 24 V polarised minute impulses from master clock



- No extra wires to drive the seconds hand; less expensive costs for installation.
- Seconds hand also in operation during power failure.
- Easy to adapt to existing installations.
- Almost noiseless seconds hand.

Function

- The minute impulse from master clock charges, via a DC/DC converter, a capacitor which stores energy in order to drive the seconds hand motor and for power supply of the electronics.
- An opto sensor reads the position of the seconds hand and provides a signal to the electronics when the seconds hand is in "12-position".
- The electronics then check that the seconds hand is in "12-position" simultaneously as the minute impulse is distributed.

Design

- Single sided with depth of housing 48 mm., for surface mounting or double sided incl. bracket for wall- or ceiling mounting.
- Housing of anodised aluminium in sizes \varnothing 230, 300 and 400 mm.
- White dial face with black hours- and minutes hand, red seconds hand, black marks. The dial is protected by a convex protection glass.

SINGLE SIDED

Code No.	Diameter	Dial
111150-00	230 mm.	A
111151-00	230 mm.	H
111152-00	300 mm.	A
111153-00	300 mm.	H
111154-00	400 mm.	A
111155-00	400 mm.	H

A-dial = with numerals

DOUBLE SIDED

for wall- or ceiling mounting to be advised

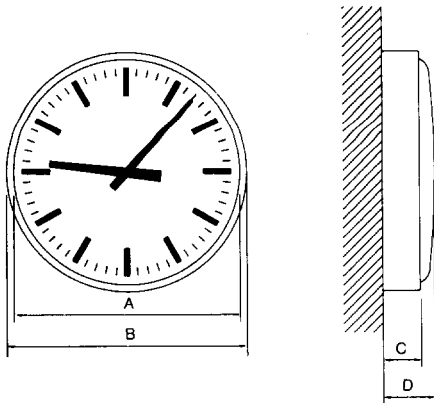
Code No.	Diameter	Dial
111160-00	230 mm.	A
111161-00	230 mm.	H
111162-00	300 mm.	A
111163-00	300 mm.	H
111164-00	400 mm.	A
111165-00	400 mm.	H

H-dial = with numerals

E 410 C

TECHNICAL DATAS

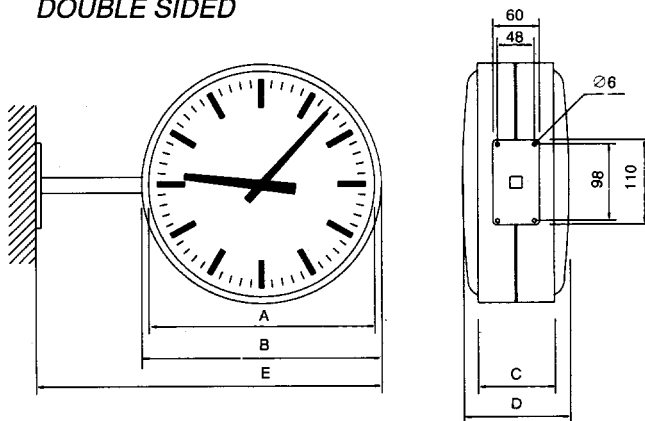
SINGLE SIDED



Diameter	A	B	C	D	Weight	Legibility in metres
230	210	232	48	70	0,75 kg.	8
300	280	305	48	70	0.90 kg.	12
400	380	405	48	70	1,55 kg.	25

Measurements in mm.

DOUBLE SIDED



Diameter	A	B	C	D	E*	Weight	Legibility in metres
230	210	232	98	142	350-390	2,0 kg.	8
300	280	305	98	142	440-500	2,5 kg.	12
400	380	405	98	142	600-680	4,1 kg.	25

Measurements in mm.

* Adjustable between the stated measurements in steps of 20 mm.

Power consumption:.....25 mA at 24 V

Ambient temperature:.....0 °C up to +40°C

Relative humidity:85%

Protection norm:.....IP 52