



Akustikanlagen nach EN 54 –16
 Uhrenanlagen, analog und digital
 Lautsprecher für Beschallungsanlagen
 Systèmes Audio d'évacuation EN 54 –16
 Horloges analogiques et digitales
 Haut-parleurs
 Voice-Alarm according EN 54 –16
 Clock Systems, analogue and digital
 Loudspeaker

Analoge Slave Clocks for Indoor

Minute Pulse 24-V – hours – minutes – Sweeping second hand



Function :

- The minute impulse from master clock charges, via a DCDC 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 second hand is in "12-position".
- The electronics then check that the seconds hand is in „12-position“ simultaneously as the minute impulse is distributed
- Normal 2-wire technology from the Master clock, no additional installation needed

Design :

- Single sided for surface mounting with a depth of 48 mm
- Double sided clock incl. Mounting console for wall or ceiling mounting
- Black Arabic or Latin marks on white background, black hours and minutes hand, Second hand in red
- Convex protection glass

Options:

- housing, clock face, hands in different colours (extra charge)
- ball protection bars, Polycarbonate-cover

Single Sided

Ø	Type	Clock mechanism
300mm	111153-00	24V Min. Puls buffered
400mm	111155-00	24V Min. Puls buffered
300mm	111143-00	24V Min. / Sek. 230VAC
400mm	111147-00	24V Min. / Sek. 230VAC

Double Sided

Ø	Type	Clock mechanism
300mm	111163-00	24V Min. Puls buffered
400mm	111165-00	24V Min. Puls buffered



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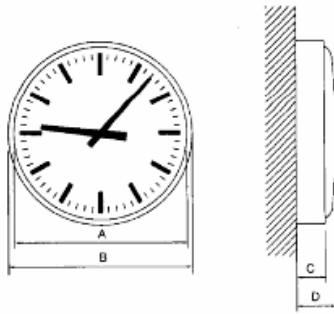
Voice-Alarm according EN 54 –16
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 Loudspeaker



g+m elektronik ag
 CH-9245 Oberbüren
 www.gm-elektronik.ch

Technical Data:

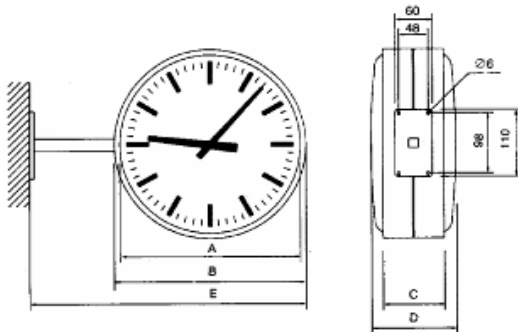
Single sided Clocks



Ø	A	B	C	D		weight	visibility
300	280	232	48	70		0.9 kg	30 m
400	380	405	48	70		1.5 kg	40 m

dimensions in mm

Double sided clocks



Ø	A	B	C	D	E	Gewicht	Ablesbarkeit
300	280	305	98	142	440	2,5 kg	30 m
400	380	405	98	142	600	4,1 kg	40 m

dimensions in mm

Specifications:

Power consumption :..... 25mA bei 24V
 Ambient temperature r :..... 0° bis +40°
 Relative humidity: 85%
 Protection norm :..... IP 52