



Analog clocks

MODERNA

Our MODERNA series of analog clocks is well named.

The clocks are characterized by their modern design with an attractively styled transparent cover enclosing the case. They are offered with both round and square housings.

The case itself is of metal and correspondingly robust.

The choice of movements ranges from conventional minute pulse to self-setting MOBALine movements.

MODERNA - Technical details

MODERNA clocks are available with the following movements:

115 (h/m): AA0

Minute pulse movement for operation as a standard minute pulse slave clock, 24 V.

130 (h/m/s): SEI 40

Second pulse movement for operation as a second pulse slave clock, 24 and 48 V.

M00 (h/m): SAM 40

MOBALine movement for operation as self-setting analog clock.

M21 (h/m/s): SEM 40

Same as SAM but with second hand.

N20 (h/m): SAN 40

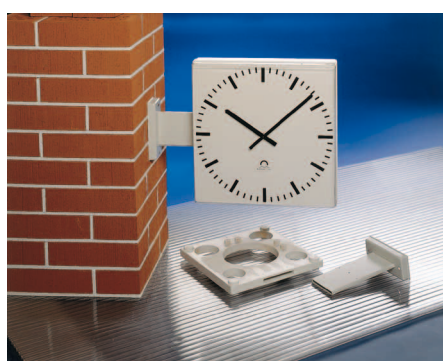
NTP movement for operation as self-setting slave clock, powered via PoE (Power over Ethernet), synchronized by an NTP server (e. g. DTS) via NTP multi-cast or unicast packets.

N21 (h/m/s): SEN 40

Same as SAN but with second hand.

Q21 (h/m/s): DQ

Battery quartz movement for auto-nomous operation. Battery life span > 2 years.



Available as accessories are a wall kit and a ceiling kit. With the wall kit, two MODERNA clocks can be assembled as a double-sided clock and fastened to a wall by means of the arm fitting. With the ceiling kit, two MODERNA clocks can be assembled as a double-sided clock and fastened to the ceiling by means of the suspension fitting.

Technical data															
Clock type	Movement	Size	h/m hands	h/m/s hands	Second hand bar form	Second hand needle form	24-48 V impulses	24-60 V impulses	Minute impulses	Second impulses	MOBALine	LAN / NTP	PoE (Power over Ethernet)	Quartz	Battery powered
MO	115	30/40	✓				✓		✓						
MO	130	30/40	✓	✓				✓		✓					
MO	M00	30/40	✓								✓				
MO	M21	30/40		✓	✓						✓				
MO	N20	30/40	✓									✓	✓		
MO	N21	30/40		✓	✓							✓	✓		
MO	Q21	30/40		✓		✓								✓	✓

Type	Illumination	Ø	Version	Movement	Dial	Covering glass	Housing type
MO	0 = none	30 40	R1 = round Q1 = square	see left	310 360	0 = acryl glass	00 = standard

Order example:

MO0.40.R1.M00.310.0.00.0000

MODERNA clock, Ø 40 cm, single-sided round, MOBALine synchronization and power, with hour and minute hands and dial type 310.

Accessories	
Order ref.	Description
MOD.30.WS MODR.30.WS	Wall kit, clock 30cm length 12.5cm
MOD.40.WS MODR.40.WS	Wall kit, clock 40cm length 12.5cm
MOD.30.DS MODR.30.DS	Ceiling kit, clock 30cm suspension length 25cm
MOD.40.DS MODR.40.DS	Ceiling kit, clock 40cm suspension length 25cm

The standard color of the case is white (RAL 9010).

MODERNA clocks are available in two sizes: 30cm and 40cm. For each size, two different dial variants may be supplied. They can be ordered with a round (MODR) or square (MOD) shape.

Clock size	A round	A square
30cm	Ø 315	□ 308
40cm	Ø 415	□ 412

