

## Contarnex Europe Limited

### Analogue Square Slave Clocks



Impulse clocks are operated and controlled by 24VDC polarised reversing 1/1-minute impulses from Centralised Masterclock with minute impulse output. Other impulse systems on request.

#### Indoor with white steel sheet housing

Sizes: Square 230, 300 and 400 mm.  
Housing: Steel sheetwhite NCS S0501-N  
Dial face: Matt white with either black numerals 1-12 or hour marks.  
Hands: Black hour and minute hands.  
Protection: Flat protection glass.  
Single sided: For surface wall mounting.  
Double sided: Two clocks and one bracket are used.

#### Outdoor with grey aluminium housing

Sizes: Square 400, 600, 800 and 900 mm.  
Housing: Aluminium dark grey RAL 7037.  
Dial face: Matt white with either black numerals 1-12 or hour marks.  
Hands: Black hour and minute hands.  
Protection: Flat acrylic plastic for square 400mm. Convex acrylic plastic for square 600, 800 and 900mm.  
Single sided: For surface wall mounting.  
Double sided: Including bracket for either wall mounting, standing on roof or hanging from ceiling.

#### Indoor Clocks

With hour and minute hands only. Operated by 24VDC polarised reversing 1/1-minute impulses from Centralised Masterclock with minute impulse output.

#### Outdoor Clocks

- With hour and minute hands only to be operated by 24VDC polarised reversing 1/1-minute impulses.
- With hour, minute and sweeping seconds hand to be operated by 24VDC polarised reversing 1/1-minute impulses from Centralised Masterclock + mains supply 230V 50Hz AC for the seconds hand.
- Clocks with internal illumination require mains supply 230V 50Hz AC.

#### Brackets for double sided indoor clocks

141597-05 for square 230 x 230 mm.  
141598-05 for square 300 x 300 mm.  
141599-05 for square 400 x 400 mm.

In/Outdoor	Single/ double sided	Size mm.	Type of dial face A = numerals 1-12 H = hour marks	Art. No.	Sweep seconds hand	Internal illumination
Indoor	Single sided	230 x 230 mm	A	141000-00	No	No
Indoor	Single sided	230 x 230 mm	H	141004-00	No	No
Indoor	Single sided	300 x 300 mm	A	141012-00	No	No
Indoor	Single sided	300 x 300 mm	H	141016-00	No	No
Indoor	Single sided	400 x 400 mm	A	141024-00	No	No
Indoor	Single sided	400 x 400 mm	H	141028-00	No	No
Outdoor	Single sided	400 x 400 mm	A	16 41 120-00	No	No
Outdoor	Single sided	400 x 400 mm	H	16 43 120-00	No	No
Outdoor	Single sided	400 x 400 mm	A	16 41 124-00	Yes	No
Outdoor	Single sided	400 x 400 mm	H	16 43 124-00	Yes	No
Outdoor	Single sided	400 x 400 mm	A	16 42 120-00	No	Yes <sup>2)</sup>
Outdoor	Single sided	400 x 400 mm	H	16 44 120-00	No	Yes <sup>2)</sup>
Outdoor	Single sided	400 x 400 mm	A	16 42 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Single sided	400 x 400 mm	H	16 44 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	400 x 400 mm	A	19 41 120-00	No	No
Outdoor	Double sided <sup>1)</sup>	400 x 400 mm	H	19 43 120-00	No	No
Outdoor	Double sided <sup>1)</sup>	400 x 400 mm	A	19 41 124-00	Yes	No
Outdoor	Double sided <sup>1)</sup>	400 x 400 mm	H	19 43 124-00	Yes	No
Outdoor	Double sided <sup>1)</sup>	400 x 400 mm	A	19 42 120-00	No	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	400 x 400 mm	H	19 44 120-00	No	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	400 x 400 mm	A	19 42 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	400 x 400 mm	H	19 44 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Single sided	600 x 600 mm	A	16 61 120-00	No	No
Outdoor	Single sided	600 x 600 mm	H	16 63 120-00	No	No
Outdoor	Single sided	600 x 600 mm	A	16 61 124-00	Yes	No
Outdoor	Single sided	600 x 600 mm	H	16 63 124-00	Yes	No
Outdoor	Single sided	600 x 600 mm	A	16 62 120-00	No	Yes <sup>2)</sup>
Outdoor	Single sided	600 x 600 mm	H	16 64 120-00	No	Yes <sup>2)</sup>
Outdoor	Single sided	600 x 600 mm	A	16 62 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Single sided	600 x 600 mm	H	16 64 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	600 x 600 mm	A	19 61 120-00	No	No
Outdoor	Double sided <sup>1)</sup>	600 x 600 mm	H	19 63 120-00	No	No
Outdoor	Double sided <sup>1)</sup>	600 x 600 mm	A	19 61 124-00	Yes	No
Outdoor	Double sided <sup>1)</sup>	600 x 600 mm	H	19 63 124-00	Yes	No
Outdoor	Double sided <sup>1)</sup>	600 x 600 mm	A	19 62 120-00	No	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	600 x 600 mm	H	19 64 120-00	No	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	600 x 600 mm	A	19 62 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	600 x 600 mm	H	19 64 124-00	Yes	Yes <sup>2)</sup>

<sup>1)</sup> = including bracket for either wall mounting, standing on roof or hanging from ceiling

<sup>2)</sup> = illumination tube not included

In/Outdoor	Single/ double sided	Size mm.	Type of dial face A = numerals 1-12 H = hour marks	Art. No.	Sweep seconds hand	Internal illumination
Outdoor	Single sided	800 x 800 mm	A	16 81 120-00	No	No
Outdoor	Single sided	800 x 800 mm	H	16 83 120-00	No	No
Outdoor	Single sided	800 x 800 mm	A	16 81 124-00	Yes	No
Outdoor	Single sided	800 x 800 mm	H	16 83 124-00	Yes	No
Outdoor	Single sided	800 x 800 mm	A	16 82 120-00	No	Yes <sup>2)</sup>
Outdoor	Single sided	800 x 800 mm	H	16 84 120-00	No	Yes <sup>2)</sup>
Outdoor	Single sided	800 x 800 mm	A	16 82 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Single sided	800 x 800 mm	H	16 84 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	800 x 800 mm	A	19 81 120-00	No	No
Outdoor	Double sided <sup>1)</sup>	800 x 800 mm	H	19 83 120-00	No	No
Outdoor	Double sided <sup>1)</sup>	800 x 800 mm	A	19 81 124-00	Yes	No
Outdoor	Double sided <sup>1)</sup>	800 x 800 mm	H	19 83 124-00	Yes	No
Outdoor	Double sided <sup>1)</sup>	800 x 800 mm	A	19 82 120-00	No	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	800 x 800 mm	H	19 84 120-00	No	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	800 x 800 mm	A	19 82 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	800 x 800 mm	H	19 84 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Single sided	900 900 mm	A	16 91 120-00	No	No
Outdoor	Single sided	900 900 mm	H	16 93 120-00	No	No
Outdoor	Single sided	900 900 mm	A	16 91 124-00	Yes	No
Outdoor	Single sided	900 900 mm	H	16 93 124-00	Yes	No
Outdoor	Single sided	900 900 mm	A	16 92 120-00	No	Yes <sup>2)</sup>
Outdoor	Single sided	900 900 mm	H	16 94 120-00	No	Yes <sup>2)</sup>
Outdoor	Single sided	900 900 mm	A	16 92 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Single sided	900 900 mm	H	16 94 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	900 900 mm	A	19 91 120-00	No	No
Outdoor	Double sided <sup>1)</sup>	900 900 mm	H	19 93 120-00	No	No
Outdoor	Double sided <sup>1)</sup>	900 900 mm	A	19 91 124-00	Yes	No
Outdoor	Double sided <sup>1)</sup>	900 900 mm	H	19 93 124-00	Yes	No
Outdoor	Double sided <sup>1)</sup>	900 900 mm	A	19 92 120-00	No	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	900 900 mm	H	19 94 120-00	No	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	900 900 mm	A	19 92 124-00	Yes	Yes <sup>2)</sup>
Outdoor	Double sided <sup>1)</sup>	900 900 mm	H	19 94 124-00	Yes	Yes <sup>2)</sup>

<sup>1)</sup> = including bracket for either wall mounting, standing on roof or hanging from ceiling

<sup>2)</sup> = illumination tube not included