

DC58-3



Central Monitoring Unit, 600 satellite version

DIN rail housing, 230 VAC power supply, 3 communication buses, micro SD card, LAN/Ethernet connection. For the connection of up to 600 satellites.

The DC58 central unit allows the Digitel control system to be connected to a remote management and supervision network via the Teleswin software. The Teleswin software allows the user to obtain all the data on the current status of the system (temperatures, humidity, status of inputs and outputs, etc). It is also possible to remotely modify all the parameters, manage alarms or control functions (e.g. forced defrost cycle, forced stop or forced start of a station).

The central monitoring unit has a memory card and can also store all the important data concerning the installation (temperatures, humidity, status of inputs and outputs, etc.) in a cyclic manner. The recording frequency is programmable.

The DC58 central unit is mounted on DIN rails.



APPLICATIONS

Remote management of the installation	yes
---------------------------------------	-----

FEATURES

Communication bus RS485	3 buses, galvanically isolated
Data backup	micro SD card
Satellite connection	600
Power supply	230 VAC
Clock	yes

TECHNICAL DATA

Power supply

Supply voltage 110-250 VAC, 50-60 Hz

Maximum power consumption -

Protection rating 1

Contamination rating 2

Overvoltage category II

Terms of use

Temperature 0-40° C

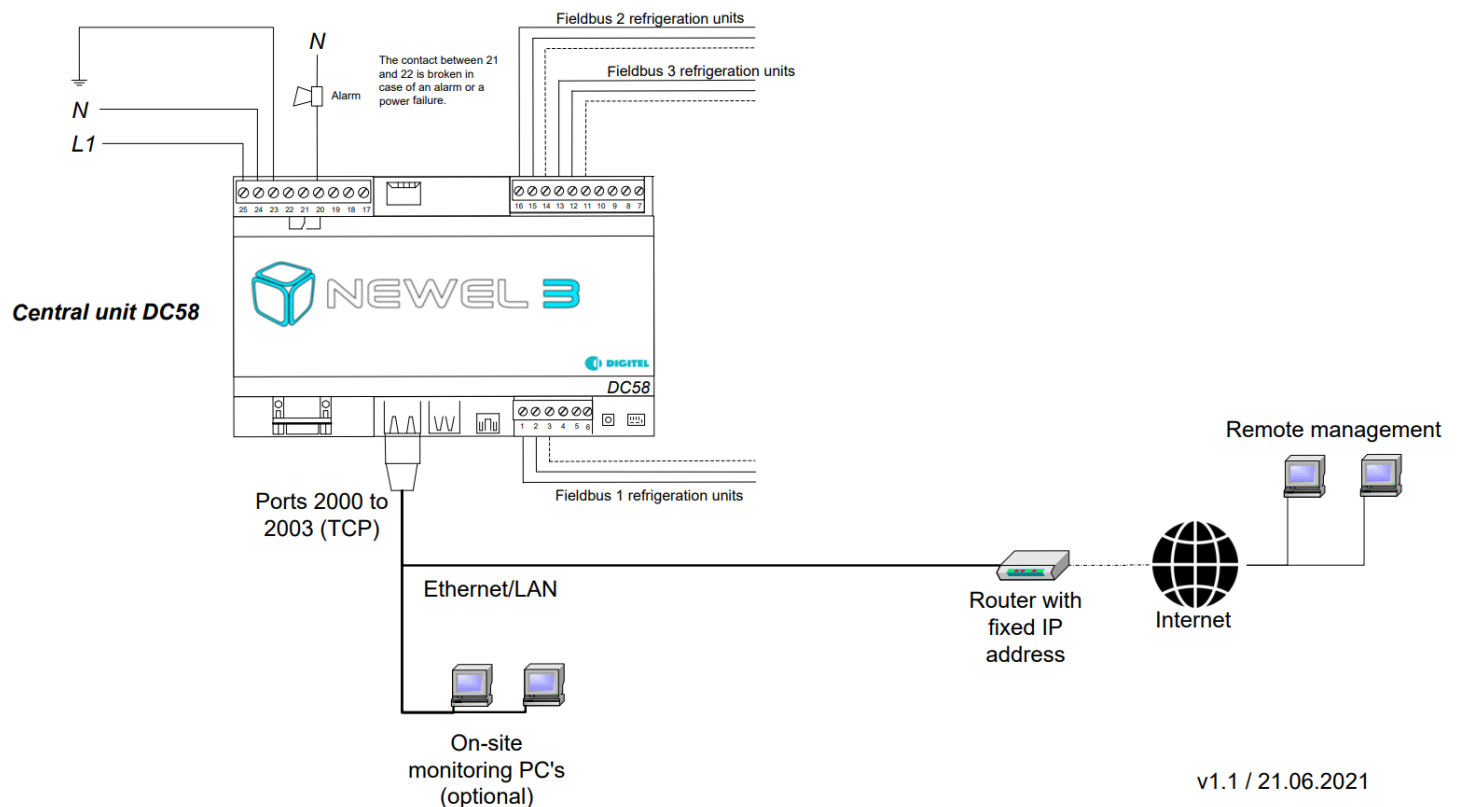
Humidity 0-80 % (without condensation)

Switching capacity of relay outputs inductive 6 A 250 VAC, resistive 10 A 250 VAC

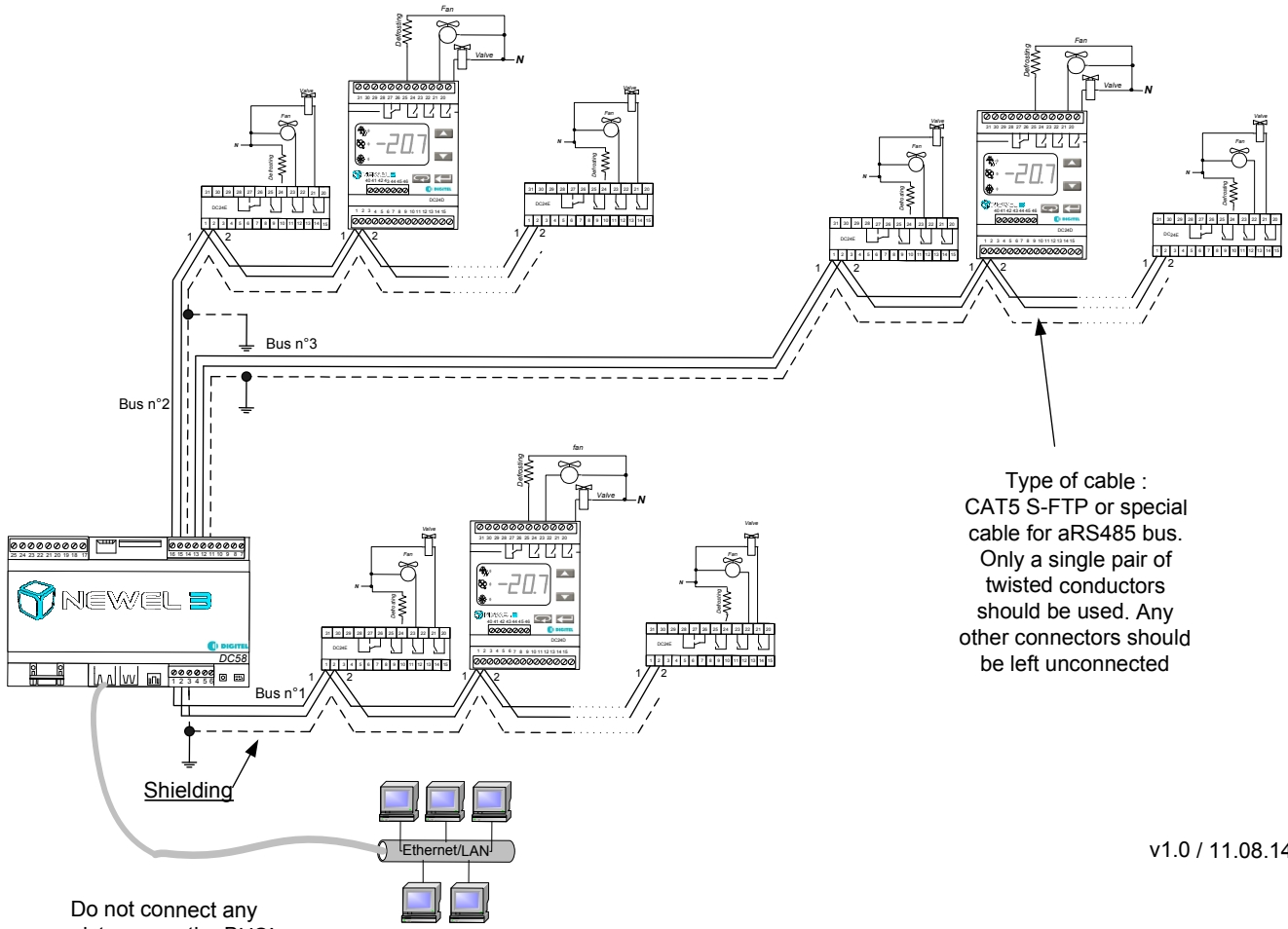
Clock – reserve operating margin 4 days

ASSEMBLY DIAGRAMS

DC58-3 in remote management mode



Connection of the controllers

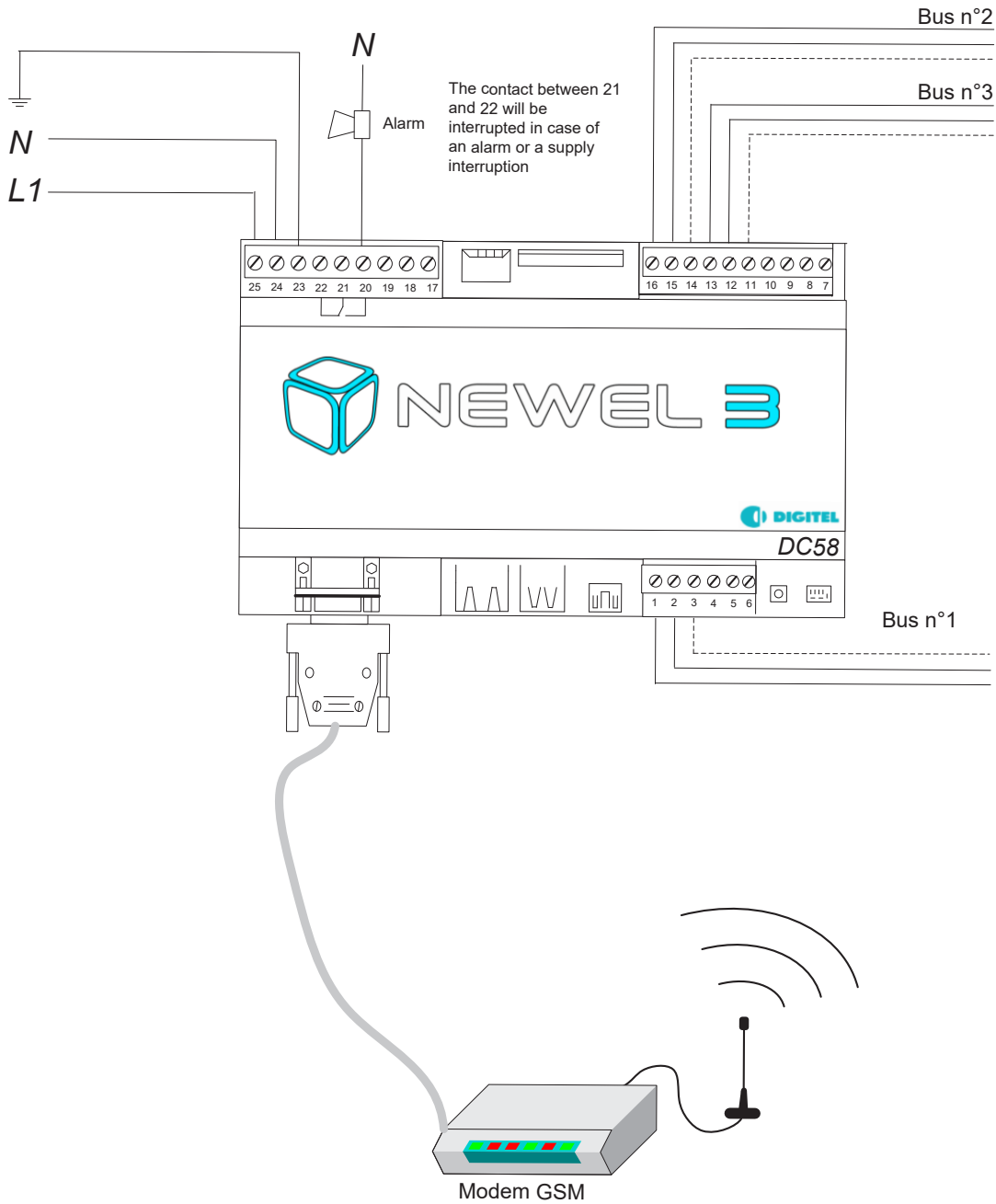


Type of cable :
 CAT5 S-FTP or special
 cable for aRS485 bus.
 Only a single pair of
 twisted conductors
 should be used. Any
 other connectors should
 be left unconnected

Do not connect any
 resistance on the BUS!

v1.0 / 11.08.14

Email/ SMS alarm



About us

Digitel provides high-end control, monitoring and remote management solutions for installations requiring a high degree of performance: refrigeration, heat recovery, controlled atmosphere chamber, growth chamber or special and customized installations.

Digitel SA
Route de Montheron 12
1053 Cugy, Suisse

T: +41 21 731 07 60
E : info@digitel.swiss

www.digitel.swiss