

DC58-1



Central monitoring unit, 16 satellite version

DIN rail housing, 230 VAC power supply, 1 communication bus, micro SD card, LAN/Ethernet connection. For the connection of up to 16 satellites.

The DC58 central unit enables the Digitel control system to be connected to a remote management and supervision network, using the Teleswin software.

The Teleswin software allows the user to obtain all the data on the current status of the installation (temperatures, humidity, status of inputs and outputs, etc.). It is also possible to remotely modify all the parameters, to manage alarms or to control functions (such as a forced defrosting cycle, the stop or forced operation of a station).

The central monitoring unit is equipped with a memory card and can also store all important system data periodically. The recording frequency is programmable.

The DC58 central unit is mounted on DIN rails.



APPLICATIONS

Remote installation management	yes
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FEATURES

Communication bus RS485	1 bus, galvanically isolated
Data backup	micro SD card
Satellite connection	16
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

Conditions of use

Temperature 0-40° C

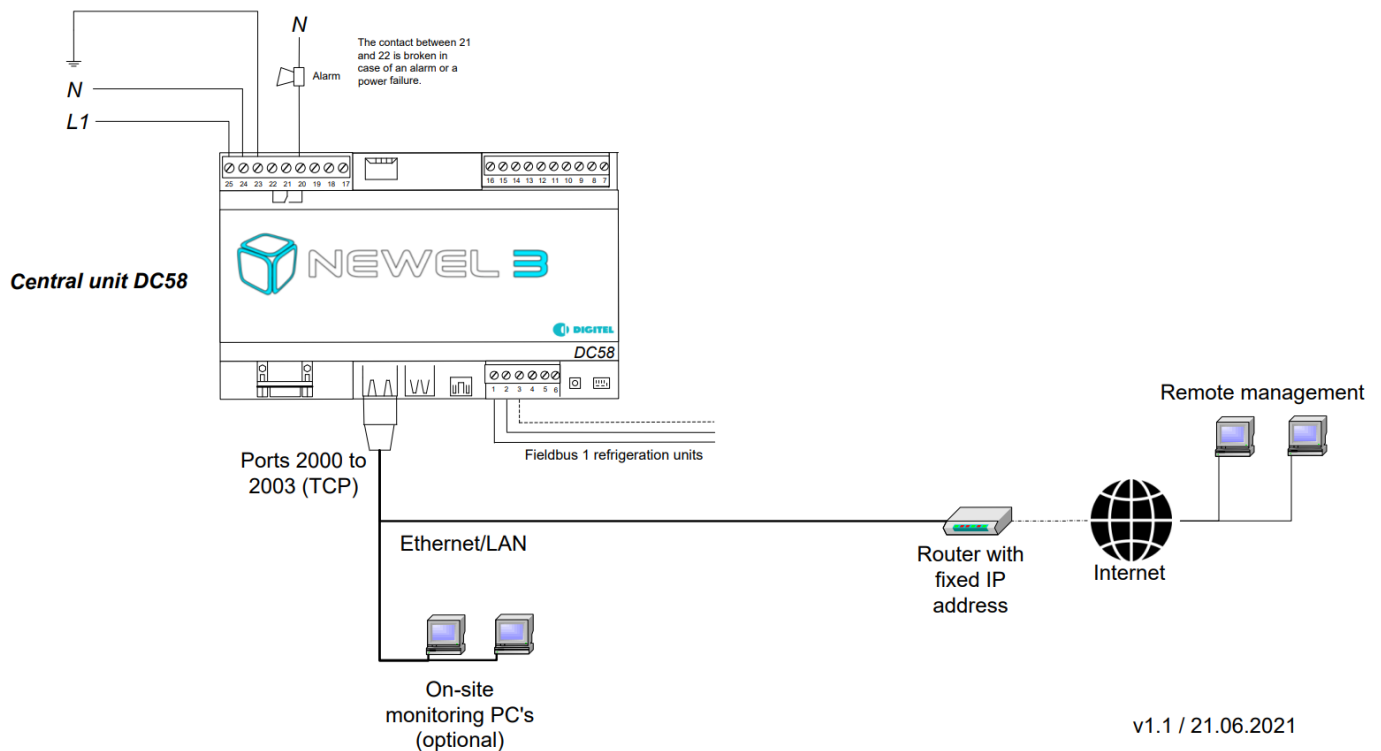
Humidity 0-80 % (without condensation)

Switching capacity of relay outputs inductif 6 A 250 VAC, résistif 10 A 250 VAC

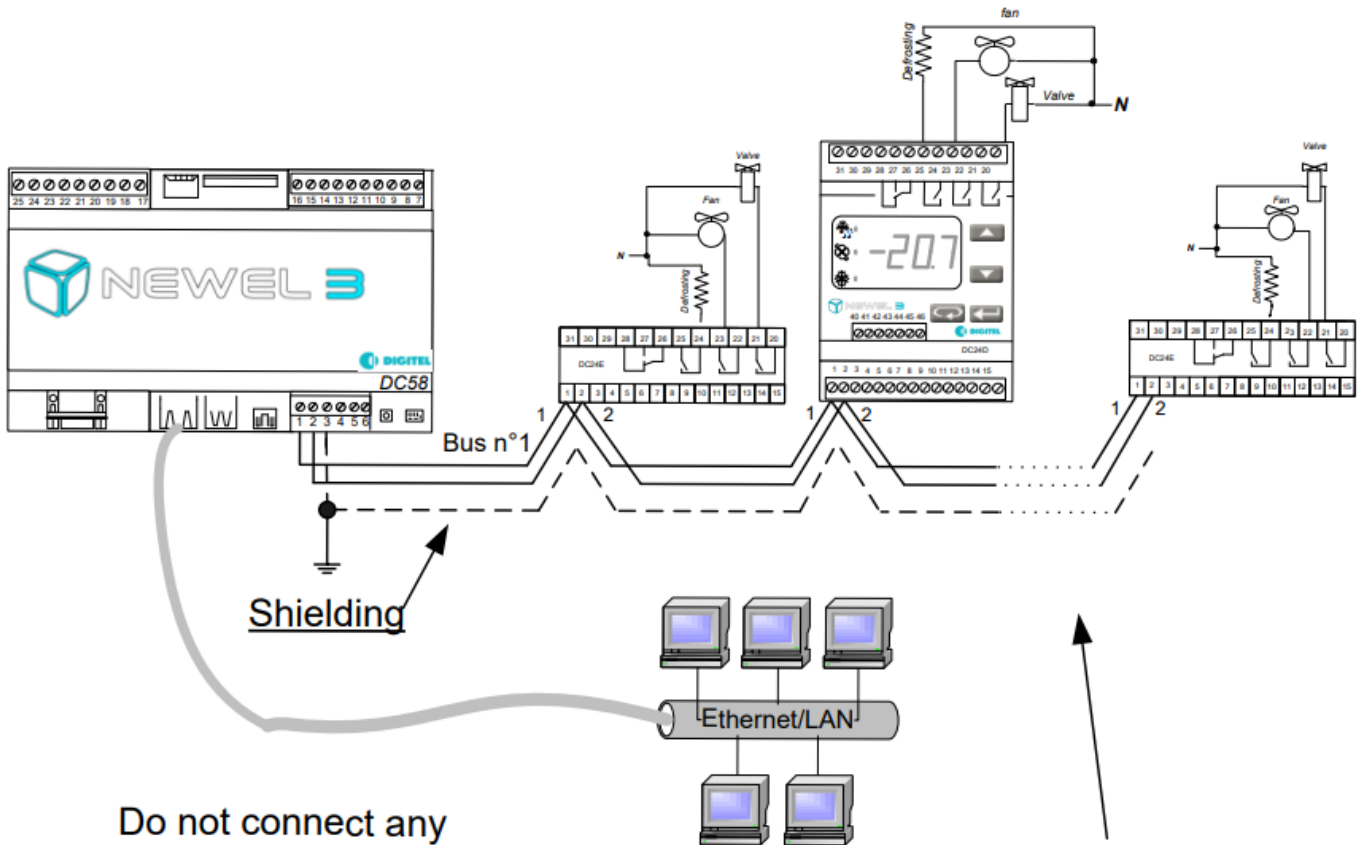
Clock – reserve operating margin 4 days

ASSEMBLY DIAGRAMS

DC58-1 in remote management mode



Connection of the controllers

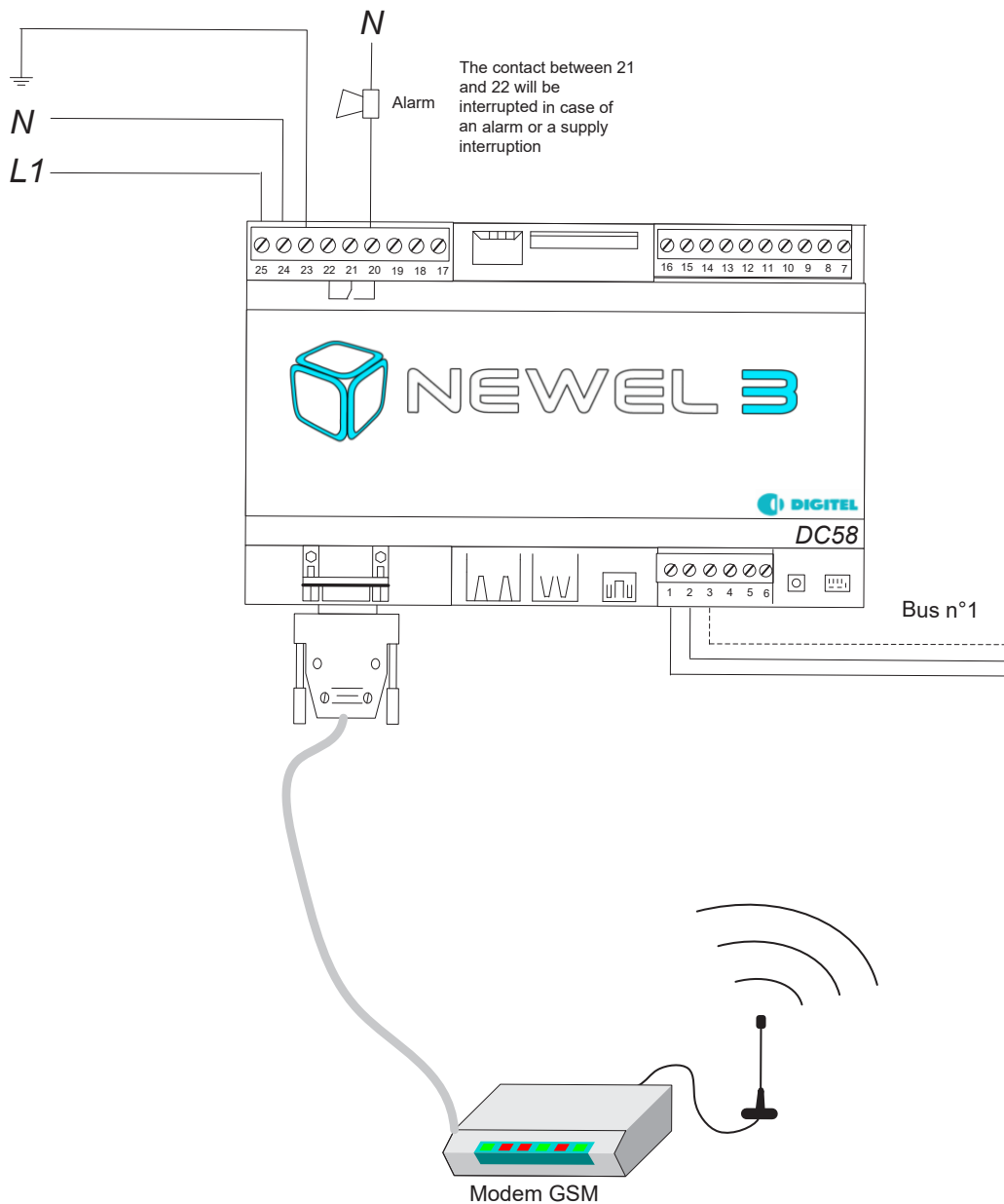


Shielding

Do not connect any resistance on the BUS!

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

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.

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