

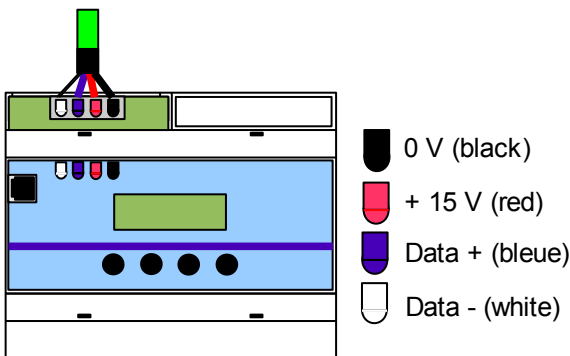
# Master DGQG01

## ● Setting up the master

The master must be installed by a qualified electrician respecting the in force reglementation. It must be fitted in a dinrail and connected only to a power supply Domintell DAL101.

## ● Cabling

The cabling from the master to the communication bus is done with the quick connector. The links between the master and the other modules making part of the installation are done with the domintell cable DCBU01. Please respect the color indication while cabling the connector.

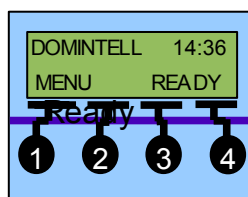


## ● Connexion between PC and master

The exchange of information between master and pc occurs via a USB connexion. This cable is supplied with the master.

The communication between master and pc requires the installation of drivers. The installation of such drivers is described in a document : Docdrivers.

## ● Access to internal functiuns of the master



The buttons appearing on the front face of the master allow to access to the following functions :

- Reading and regulating from the time;
- Reading and regulating from the date;

- Reading of loader version;
- Reading of the exploitation system version;
- Reading of serial number;
- Reinitialization of the master.

In normal function the master screen shows following message :

```
DOMINTELL 12:36
MENU  READY
```

The access to the different buttons is done from the button 1 of the front face.

The message « empty » instead of « ready » means that the master has no application.

### Regulation of time :

A first push on button 1 (menu) allows the access to time regulation. The master screen shows the following message :

```
TIME 12:36
NEXT  OK
```

To modify the master time, please proceed as followed :

1. Push button 4 (OK). The hours numbers start flicking;
2. Push button 1 (+) or button2 (-) to adapt the good timing ;
3. Push button 4 (OK) to valid and access minutes regulation (the minutes numbers start to flicker) or push button 3 (ESC) to escape and come back to the main screen;
4. Push button 1 (+) or button 2 (-) to adapt the minutes;
5. Push button 4 (OK) to valid and access to the next menu or push button 3 (ESC) to cancel and come back to the main screen.

### Date regulation :

From the regulating screen « hours », push button 1 (NEXT) to access the date regulation. The master screen shows following message :

```
DATE : 12/03/04
NEXT  OK
```

To modify the date of master please proceed as followed :

1. Push button 4 (OK). The year numbers start flicking;
2. Push button 1 (+) or button 2 (-) to adapt the years;
3. Push nutton 4 (OK) to valid and access the regulation of months (the month numbers flicker) or push button 3 (ESC) to cancel and come back to main screen;
4. Push button 1 (+) or button 2 (-) to adapt

the month;

5. Push button 4 (OK) to valid and access the day regulation (the days numbers start flicking) or push button 3 (ESC) to come back to the main screen;
6. Push button 1 (+) or button 2 (-) to adapt the days;
7. Push button 4 (OK) to valid and access to the next menu or push button 3 (ESC) to cancel and come back to the main screen.

Loader version :

From the regulation date screen, push button 1 (NEXT) to consult the loader version in the master. The master screen shows following message :

```

LOADER V 1.02
NEXT      OK
  
```

Push button 1 (NEXT) to access to next menu or button 4 (OK) to come back to main screen.

Exploitation system version:

From the loader screen, push button 1 (NEXT) to consult the exploitation system version in the master. The screen shows following message :

```

PROGRAM M 1.10.1
NEXT      OK
  
```

Push button 1 (NEXT) to consult the serial number of the master or button 4 (OK) to come back to the main screen.

Serial number :

From the exploitation system screen push button 1 (NEXT) to consult the serial number of the master. The screen shows following message :

```

ID : 0000001f
NEXT      OK
  
```

Push button 1 (Next) to access to the next menu or button 4 (OK) to come back to the main screen.

Initialization :

From the serial number screen push button 1 (NEXT) to access to the initialization procedure of the master. This handling allows the restarting of the module while the installation has been stopped. The screen shows following message :

```

MASTER RESTART
NEXT      OK
  
```

Push button 4 (OK) to start initialization of the master or button 1 (NEXT) to come back to main screen :

```

DOMINTELL 12:36
INITIALIZING
  
```

When initialization of master is finished the main screen comes back.

Free memory :

From the initialization screen, push button 1 (NEXT) to consult the free memory available in the Master. The screen shows following message :

```

FREE MEMORY : 98%
NEXT      OK
  
```

ETH03 module :

If the version of the operating system (OS) is 1.18.01 or greater, if an application is running in the Master and if this one has a DETH03 module, a new menu is available. Form the "Free memory" menu, push the button 1 (NEXT) to see information about the DETH03 module. Depending og the status of the module, different messages can be shown.

\* If the DETH03 module is not connected on the bus :

```

DETH03 AWAY
NEXT ETH03 OK
  
```

\* If the network cable is not connected to the DETH03 module :

```

RJ45 NOT PLUGGED
NEXT ETH03 OK
  
```

\* If the DETH03 module has an invalid MAC address :

```

INVALID MAC ADDR
NEXT ETH03 OK
  
```

\* If the DETH03 module has no IP address or a bad one :

```

NO or BAD IP
NEXT ETH03 OK
  
```

\* If the DETH03 module is ready to use :

```

192.168.001.009
NEXT ETH03 OK
  
```

\* If the DETH03 module is ready to use and someone is currently connected to the Master through it the letter 's' is displayed in front of IP address :

```
s 192 . 168 . 001 . 009  
NEXT ETH03 OK
```

Push button 1 (NEXT) or button 4 (OK) to come back to main screen.

- *Technical features*

power supply	From 9 to 16 V DC
consummation	100 mA
cabling	Fast Connectors
Protection rang	IP 20
Numbers of controlled modules	128 maximum ( without Domintell HUB)
Placing	DIN Rail
Dimensions	6 modules