

Power supply DALI01

The DALI01 module is a single-phase unstabilized power supply unit used to supply the domotic system Domintell.

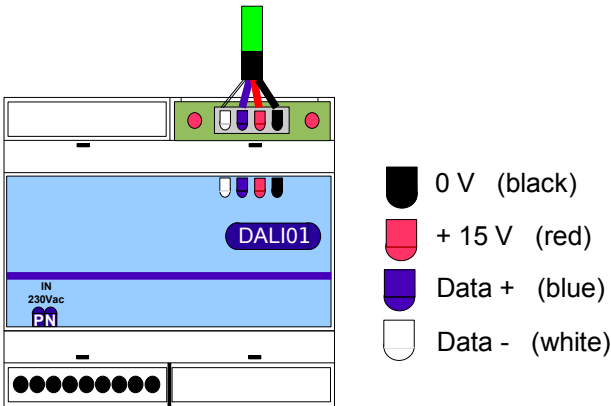
Setting up the module

The power supply unit DALI01 must be installed by a qualified electrician respecting the in force electrical reglementation. The module is built to be fixed on a DIN rail.

Plug in

The links between the DALI01 module 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.



Primary circuit :

The module must be supplied by a tension of 230V alternative. The supply wires have to be connected to the screw terminal placed under the cover left under the module. The primary circuit is protected by an antisurge fuse 315mA. The module must be protected by an electrical circuitbraker of its value respecting the in force electrical reglementation.

Secondary circuit :

The cabling from the power supply unit to the communication bus is done with the quick connector. The module is equiped of a protection to prevent overload and shortcut on the communication bus. The rearming of this protection is done automatically after fixing the problem.

Signs

The red LED situated left from quick connector indicates the presence of the tension on the secondary circuit of the module. The red LED situated right from quick connector indicates an overload at the output of the module.

Capacity of the module

The output tension of the module can not be adjusted. It depends on the number and type of modules connected to the communication bus. The number of power supply unit required for a good fonctionnement is determinated from the Domintell2 configuration software (version 1.11 and more). If several power supply units are necessary, the module outputs must be connected in parallel.

If the the installation is composed of several electrical cabinets, at least one DALI01 module must be placed in each cabinet.

Guarantee

The DALI01 module is covered by a guarantee of 2 years. No guarantee is accorded in the case of use the DALI01 module to supply any other system than a Domintell installation.

Technical features

Supply	230V AC 50Hz (sector)
Maximal output tension	20V DC
Minimal output tension	12V DC
Maximal output current	2.5A à 12V
Primary connecting	Screw terminal block
Secondary connecting	Quick connector
Protection degree	IP 20
Working temperature	From -10°C to 50°C
Primary protection	Antisurge fuse 250 V / 315 mA
Secondary protection	Automatic protection against overload and shortcut
Fixing	DIN rail
Cooling	Natural convection
Dimensions	6 modules (105 x 83 x 58 mm)
Wight	+/- 680g

Technical support

For any information, please contact the Domintell technical support :

support.domintell@trump.be