



Specifications

SHEV application 

Brakel® GNV/ANV control box

Description	: (Central) PLC-controlled control box, for control of the supply and exhaust facilities listed in multiple groups, depending on different meteorological data
Specifications	: performed including emergency power batteries and an LCD control module
Material	: coated sheet steel, RAL 7035
Cabinet size (h x w x d)	: app. 800 x 600 x 210 mm (project dependent)
Control from fire alarm system	: through potential-free NC contact(s)
Control from Building Management System	: through potential-free contact(s)
Power supply (by third parties)	: 230 Vac (separate end group, fixed connection point)
Emergency power batteries	: capacity based on presence of 24-hour maintenance/ service contract
Inspections	: NPR 6095-1 and NEN 1010
Accessories	: - meteorological station, for detection of: <ul style="list-style-type: none"> - rain - wind direction - wind speed - external temperature (the mast is equipped with a bracket, with a mounted connector box. A roof terminal fitted by third parties with loose cabling to the connector box must be provided) - room temperature sensor
Remote control	: remote control through an internet web server, which the following functionalities offers at any time and from any place in the world: <ul style="list-style-type: none"> - monitors space conditions (such as indoor temperature, outdoor temperature and wind speed) - customize set-up parameters (such as the indoor temperatures at which the system will switch) - automatic notification of failure to the maintenance company and/or the administrator - adjusting software on PLC - all of the above within a software environment with clear graphical visualization



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Internet connection for remote management requirements (not maintained by Brakel):

- a permanent free ethernet/internet connection should be available at the ANV-control box;
- the internet connection must have its own fixed IP address;
- the internet connection must be accessible from a WAN (Wide Area Network/internet);
- the IP address of the project location must be known before commissioning takes place.