

NANO MODBUS FEATURES OVERVIEW



The NANO system

The NANO fire detection and extinguishing release system has a DNV-CG 0339-2021 type approval certificate TAA000037H. The NANO fire detection and extinguishing release panel offers an excellent value and performance for all small and compact fixed fire suppression systems.

NANO Modbus features

The NANO is designed for use in a fully integrated system. Remote devices can read the status and parameters of the NANO via a digital bus system. The communication protocol used is MODBUS, a well-established technology that utilizes RS-485 as the underlying physical layer. Through this Modbus interface, the NANO can be programmed for various applications.



The primary purpose.

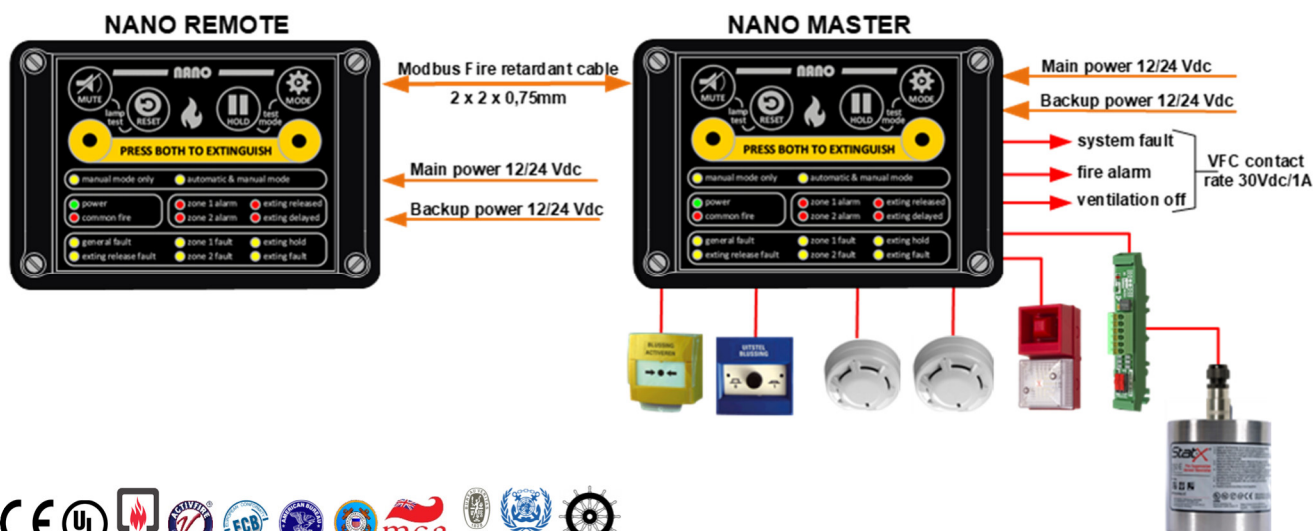
The primary purpose of a master/slave configuration is to increase the number of extinguishing generators that can be activated. The slave performs this activation upon command from the master, which controls the system in this configuration. Please refer to the NANO user manual features MODBUS / RS-485 before using this option. This manual describes the use of the data bus, the programming procedure, and the connection method.

The NANO supports 4 possible configurations:

- As a standalone fire detection and extinguishing control panel.
- As an extended version of configuration by means of a remote/repeater panel.
- As a master–slave system to increase the number of extinguishing generators that can be activated.
- As a master–slave system intended for remote operation and monitoring.

When a NANO is equipped with a parallel control and indication panel, the NANO connected to the detection devices and extinguishing generators is configured as the Master. The additional panel is configured as Remote.

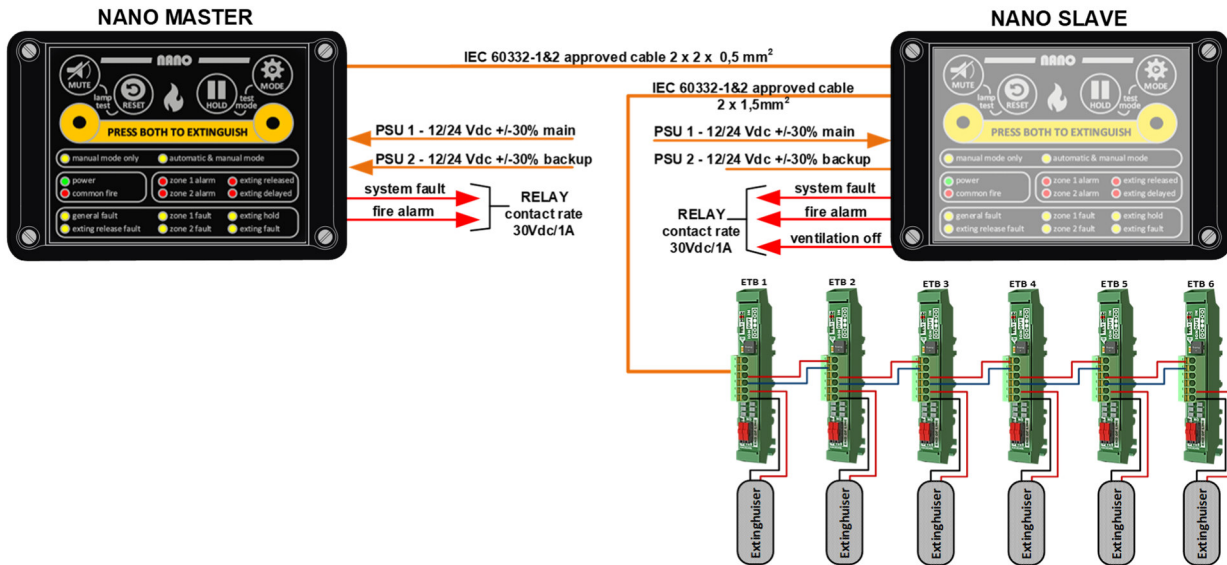
AS AN EXTENDED VERSION OF CONFIGURATION BY MEANS OF A REMOTE/REPEATER PANEL.



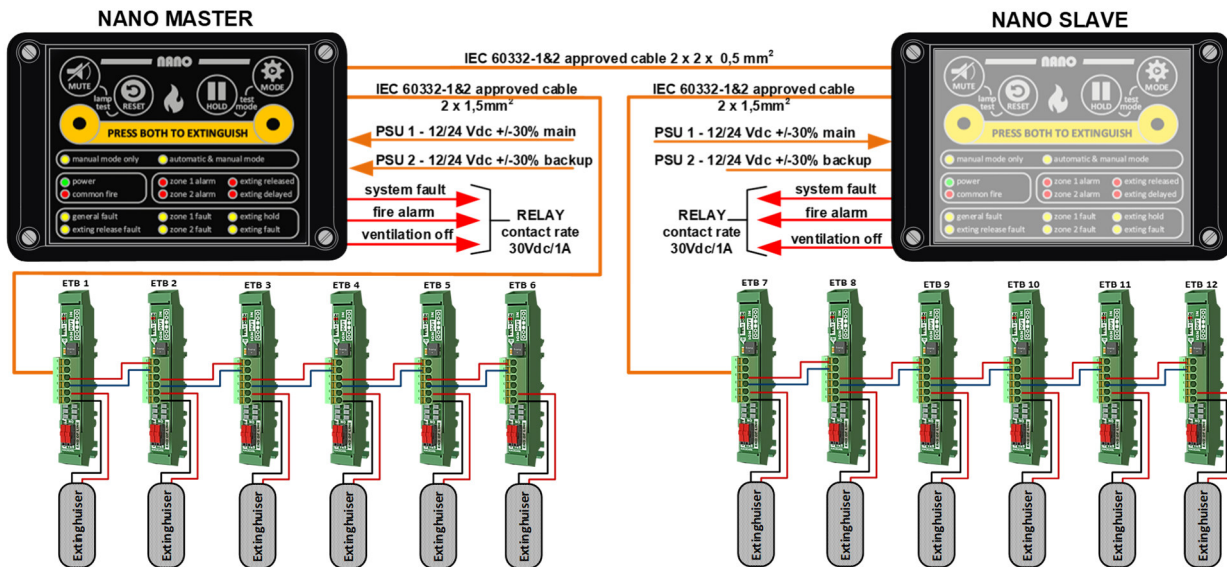
Our products are constantly being improved; specifications can change without notice.

N2KB B.V. Hargplein 36 Schiedam Netherlands

AS A MASTER-SLAVE SYSTEM INTENDED FOR REMOTE OPERATION AND MONITORING.



AS A MASTER-SLAVE SYSTEM TO INCREASE THE NUMBER OF EXTINGUISHING GENERATORS THAT CAN BE ACTIVATED.



AS A MASTER-SLAVE SYSTEM INTENDED FOR REMOTE OPERATION AND MONITORING.

