



DSPA – ACTIVATION CONTROL MODULE



FEATURES:

- 2 zone fire detection
- Manual release input
- Reset Key to exit from alarm latching
- Signaling of Pre-Alarm and Alarm
- Connection of up to 4 DSPA generators
- Battery powered, lifetime 5 years
- Optional 24Vdc external power
- Uniquely easy to install and maintain
- Very cost efficient

Description

The DSPA - Activation Control Module enables the implementation of a basic automatic fire extinguishing with DSPA aerosol generators. Power supply is provided by a 2x 3V CR123A built-in batteries and/or external 24Vdc.

Two external sensors or switches activates the DSPA Activation Control Module with a 5 second pre-warning time before discharge. In order to avoid errors, the signal(s) must be activated for at least 1 second long. The module can activate up to 4 DSPA aerosol generators (Output Ext 1-2). The module has 2 potential free alarm contacts, 1 for Pre-Alarm and 1 for Alarm (first and second stage alarm). Each contact can be used as Normally Open and as Normally Closed. The Pre-Alarm contact can also be used to switch off ventilation equipment.

Application

DSPA Activation Control Module and DSPA Aerosol generators are an ideal combination. The DSPA Activation Control Module works together with up to 4 DSPA aerosol generators, this makes the combination of DSPA Activation Control Module with DSPA aerosol generators a unique and compact detection and extinguishing system. They are installed in high-risk areas where there is little space available such as electrical cabinets, engine compartments, etc. This is what DSPA calls "firefighting at the source".

Specifications

Operating Voltage	External DC 24V (9V to 24V optional), 1A
Internal Operating Voltage Battery	6 Vdc
Battery Lifespan	CR123A 3V – Lithium Batteries (2pcs.), > 5 years
Operating Temperature range Sensor	-40°C to + 75°C, humidity up to 95%.
Contacts	2 Normal Open Contact, Line 1 and Line 2 (installation changeable)
External Manual Release Potential	Normally Open contact button
Free Contacts	2 Potential Free Contacts: 1 First Stage Alarm contact (Pre-Alarm), NO/NC/COM 1 Second Stage Contact (Alarm), NO/NC/COM
Max linear heat detection cable length	20 m / 1,5 mm ² - 0,8 m / 0,08 mm ²
Extinguishing Outputs "Ext 1-2"	1,3 A, max. 2 DSPA generators in series or parallel for each extinguishing output
Module Dimensions	120 x 95 x 35 mm; ABS; Colour: Black
LEDs	4 Leds for Visual Indication of System ON, Battery Fault, Alarm and Discharge
Connectors	Terminal Block 5,08 mm, max 2 mm ²

More information:

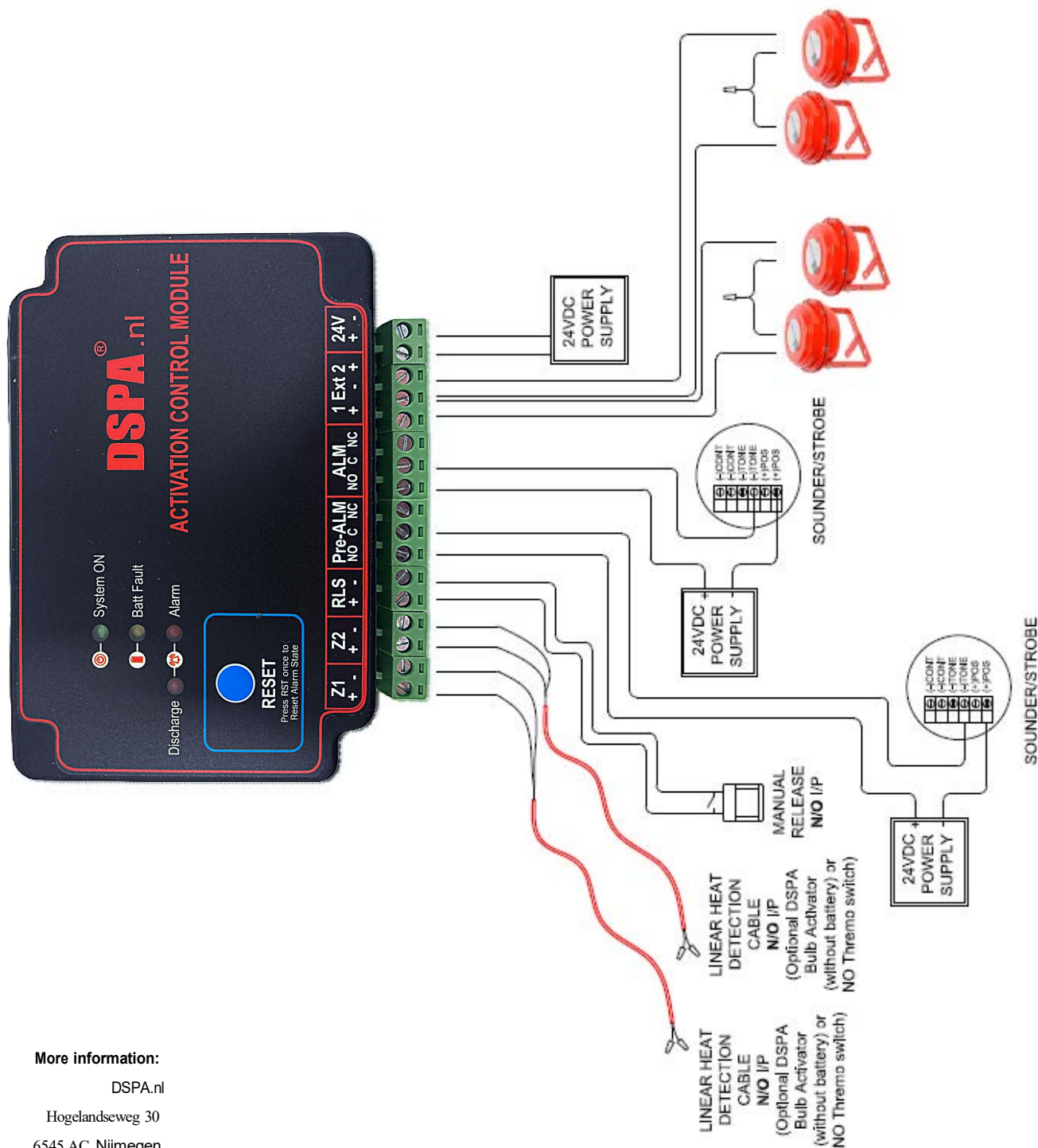
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CROSSED ZONE DETECTION ACTIVATION

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