

AutroXT Extinguishant Control Panel BA-51/1

Extinguishant Control System Product datasheet

Features

- Approved to EN 12094-1, EN 54-2 and EN 54-4
- Dual extinguishant outputs
- First and second stage relay contacts
- Main reserve facility
- Discharge countdown time indicator

Product overview

The AutroXT Extinguishant Control Panel BA-51/1 has two fully monitored inputs for connection to fire detection control equipment or addressable control modules to provide an EN 12094-1, EN 54-2 and EN 54-4 compliant extinguishant control system.

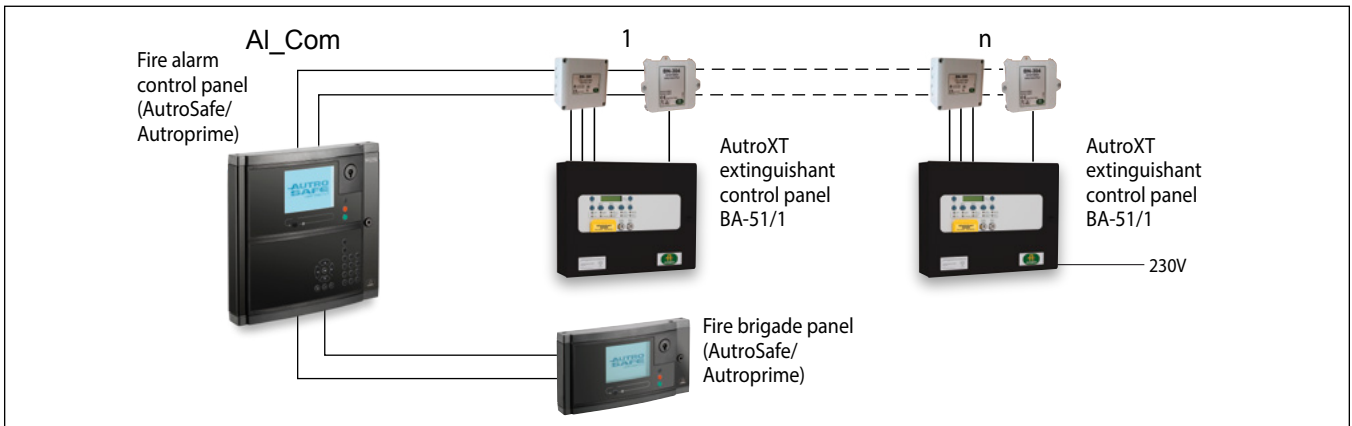
Its many programmable features and extensive range of inputs and outputs make the BA-51/1 extinguishant control panel suitable for all extinguishing applications where a fully featured control device is required.

The BA-51/1 extinguishant control panel is connected to the AutroSafe 4 / Autroprime fire alarm control panel via I/O unit BN-304 and BN-305, each panel covering one zone.

The panel can be configured to activate on single or double activation, or manual release. The timers of the various steps in the activation process can individually be configured according to the EN 12094-1 standard.



Connections



Technical specifications			
Dimensions WxHxD (mm)	385 x 310 x 110	Aux 24V output	Fused at 500 mA with electronic fuse
Weight	Approx. 8 kg	Fault relay contact rating	5 to 30 VDC 1 A Amp maximum for each
Construction	1.2 mm mild sheet steel	Fire relay contact rating	5 to 30 VDC 1 A Amp maximum for each
Degree of protection	IP30	Local fire relay contact rating	5 to 30 VDC 1 A Amp maximum for each
Finish	Epoxy powder coated	First stage contact rating	5 to 30 VDC 1 A Amp maximum for each
Colour - lid & box	RAL 9005 black - satin	Second stage contact rating	5 to 30 VDC 1 A Amp maximum for each
Colour - controls plate & labels	RAL 7047 light grey - satin	Extract contact rating	5 to 30 VDC 1 A Amp maximum for each
Zones	1	Zone quiescent current	0 mA minimum, 2 mA maximum
Mains supply	230 VAC, 50Hz +10% - 15% (100 Watts max.)	Terminal capacity	0.5 mm ² to 2.5 mm ² solid or stranded wire
Mains supply fuse	1.6 Amp (F1.6A L250V)	Monitored input end of line	6K8 +/- 5 % ½ Watt resistor
Power supply rating	5.25 Amps total including battery charge 28V +/- 2V	Extinguishant output end of line	1N4004 Diode
Maximum ripple current	200 millivolts	Extinguishant release output	21 to 28 VDC. Fused at 1 Amp
Battery type	12 Volt sealed lead acid in series	Extinguishant release delay	Adjustable 0 to 60 seconds (+/- 10%)
Maximum battery capacity within enclosure	7 Ah	Extinguishant release duration	Adjustable 60 to 300 seconds
Battery charge voltage	27.6 VDC nominal (temperature compensated)	Monitored inputs normal threshold	(Allowable EOL) 10K ohm to 2K ohm
Battery charge current	1,25 A maximum	Monitored inputs alarm threshold	2K ohms to 150 ohms +/- 5%
Battery fuse	20 mm, 3.15 A glass	Monitored inputs Short circuit threshold	140 ohms to 0 ohms +/- 5%
Current draw in mains fail condition	54 milliamps	Status unit power output	21 to 28 VDC, fused at 500 mA with electronic fuse
Maximum current draw from batteries	4 Amps		

Product name	Part number	Description
	116-KIT-BA-51/1	Extinguishant control panel kit, 1 zone. English or Norwegian panel, BN-304 and BN-305
BA-51/1/GB	116-BA-51/1/GB	Extinguishant control panel, 1 zone - English
BA-51/1/N	116-BA-51/1/N	Extinguishant control panel, 1 zone - Norwegian