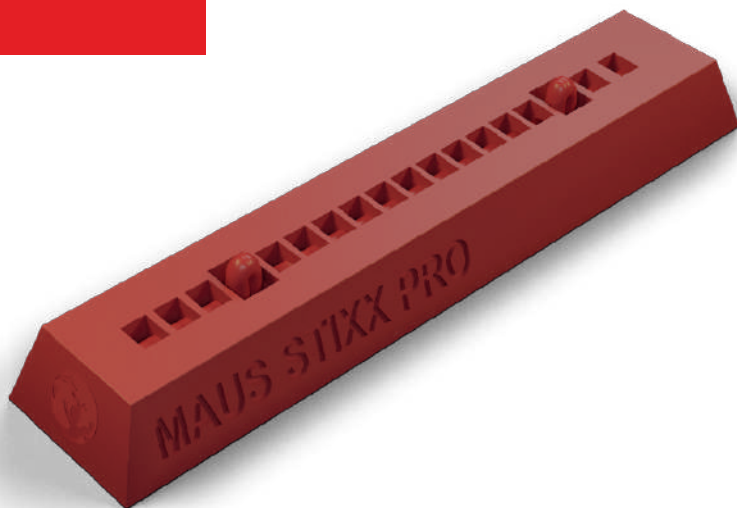




MAUS

STIXX

PRO

AUTOMATIC FIRE SUPPRESSION UNIT



EN3

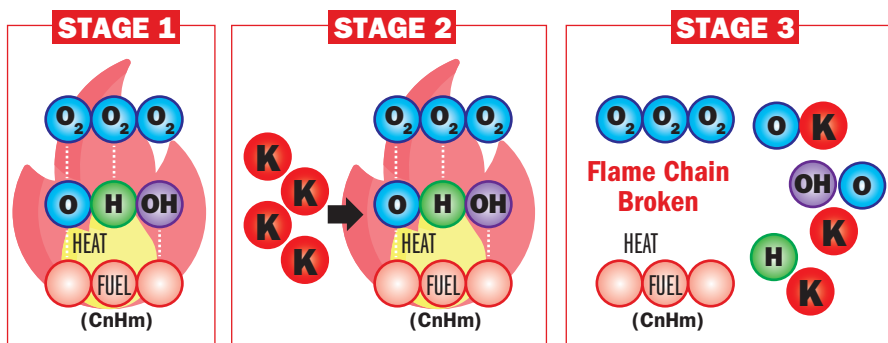


The solid substance in the MAUS Stixx-series consists of a potassium compound. Potassium radicals are very active and they interrupt the chemical combustion reactions by neutralizing hydrogen, oxygen and hydroxide radicals in the flame. As aerosols consist of very small particles of gas, the result is a more effective extinguishing agent than conventional powder.

Another important feature of aerosols is that the dropping velocity of the particles decreases as the surface becomes larger in relation to the mass, which makes the air resistance relatively large in relation to the gravitational force. This results in particles staying suspended for a longer period of time, contributing to a longer inerting period creating a re-ignition protection.

Together, these factors make PGA (pyrotechnical generated aerosols) a very effective extinguishing agent. The extinguishing effect per unit of weight is in the range of 3-10 times more efficient than Halon.

Source: Swedish Civil Contingencies Agency (MSB.se)



KEY FEATURES



FLOODING

Once activated it will release 100% of it's content.



FAST

Activation at very low temperature - 180 °C.



PLACEMENT

Easy placement at the top of a space.



SIZE

With its small size you can place the unit anywhere.



NON TOXIC

The potassium formula is 100% non toxic & environmentally friendly.



MAINTENANCE

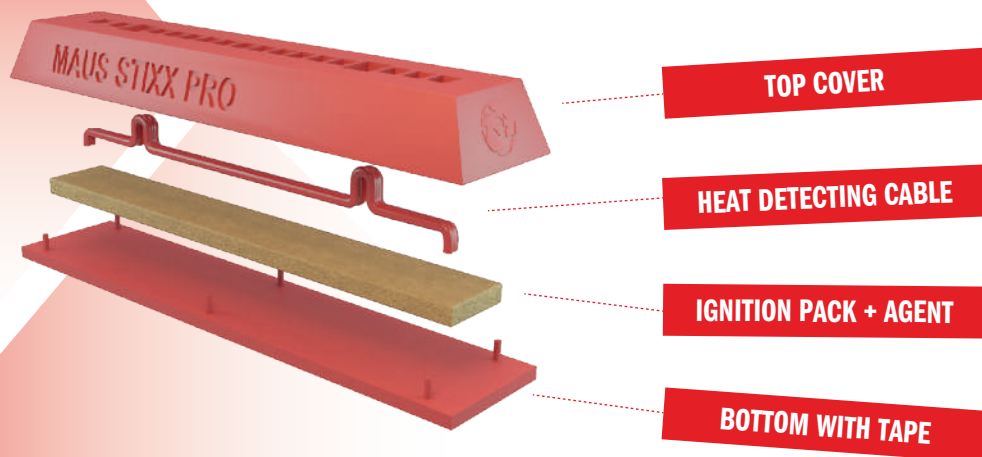
Maintenance free during its 5 year life span.



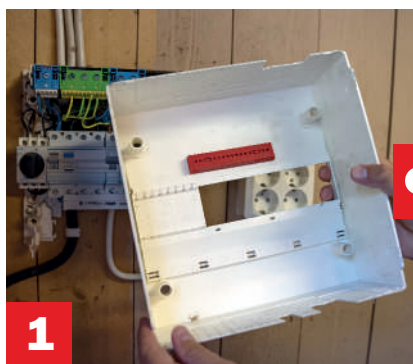
SYSTEM

No complex system.
No wiring. No batteries.
No pressure.

LAYERS



POSITIONING



or



In electric distribution boards, place the units on the back of the panel (1), place them sideways with the top of the unit facing the back of the board (the wall). In other spaces place the units with the top of the unit facing downwards (2).



RECOMMENDATIONS

Distribution Boards

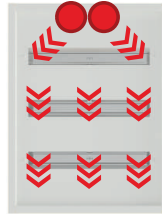
1 METER TALL



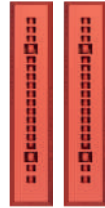
1



VOLUME 0 - 0.1M³



2



VOLUME 0.1 - 0.2M³

1-2 METER TALL



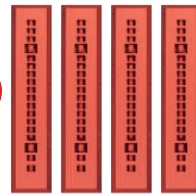
2



VOLUME 0 - 0.1M³



4



VOLUME 0.1 - 0.2M³



1



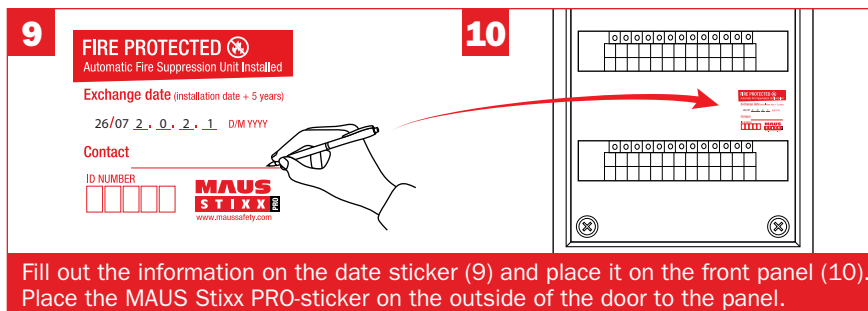
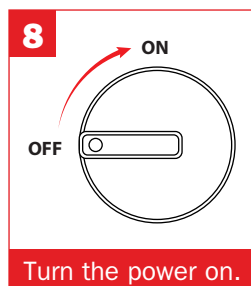
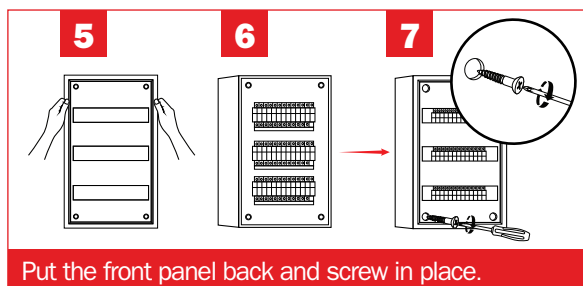
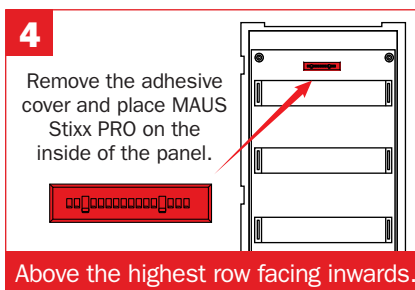
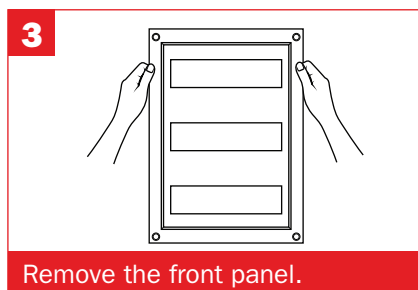
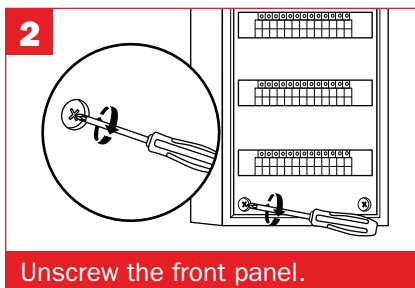
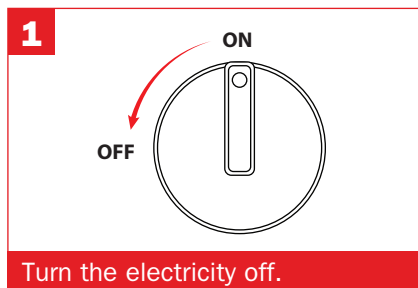
2



3

Remove the white MAUS Sticker (1) and place outside the fire protected space (see image on page 10) to show that there is a fire suppression unit installed. Remove the red adhesive cover (2) before installing the unit (3).

DISTRIBUTION BOARD INSTALLATION





EXAMPLES

Distribution Boards



DISTRIBUTION BOARD 1

- Height: 56.1 cm
- Width: 58.5 cm
- Depth: 8.5 cm
- **Volume: 0.03 m³**

Comments: Volume less than 0.1m³ and height less than 1 meter.

PRO: 1



DISTRIBUTION BOARD 2

- Height: 80.3 cm
- Width: 39.7 cm
- Depth: 10 cm
- **Volume: 0.032 m³**

Comments: Volume less than 0.1m³ and height less than 1 meter.

PRO: 1



DISTRIBUTION BOARD 3

- Height: 130 cm
- Width: 45 cm
- Depth: 25 cm
- **Volume: 0.15 m³**

Comments: Height greater than 1 meter and volume larger than 0.1m³.

PRO: 4

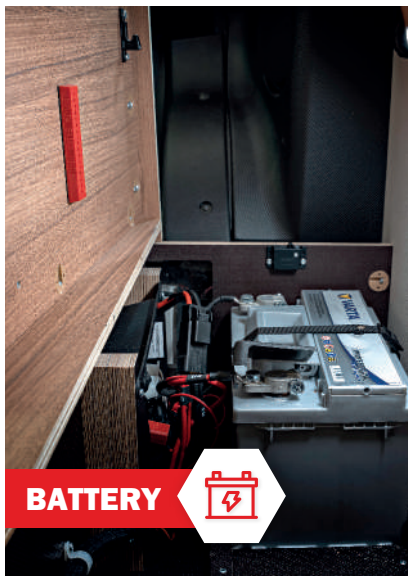


EXAMPLES

Caravan



GAS



BATTERY



ELECTRIC



NOTE! If the space is $0-0.1\text{m}^3 = 1 \times \text{MAUS Stixx Pro (MSP)}$. $0,1-0.2\text{m}^3 = 2 \times \text{MSP}$. $0.2-0.3\text{m}^3 = 3 \times \text{MSP}$ etc. Place the MSP's close to each other.



EXAMPLES

Electric Enclosures



MAUS Stixx Pro



Why is MAUS Stixx Pro such a great compliment to MAUS Stixx? The unique features of the MAUS Stixx Pro make it a smarter solution for larger enclosures. This is due to the lower activation temperature, and the 100% flooding of the extinguishing agent once activated.

This happens when the heat detecting cable is activated by exposure to a flame or when the unit reaches 180°C. The extinguishing agent will quickly flood the protected space to suppress the fire. The extinguishing agent consists of a non-toxic, environmentally friendly, patented potassium mix that will interrupt the chemicals in the fire and instantly kill it. The green circles on the diagram of the MAUS Stixx Pro highlight the heat detecting cable ports, while the remaining ports are designed to release the extinguishing agent. The MAUS Stixx Pro is maintenance free.

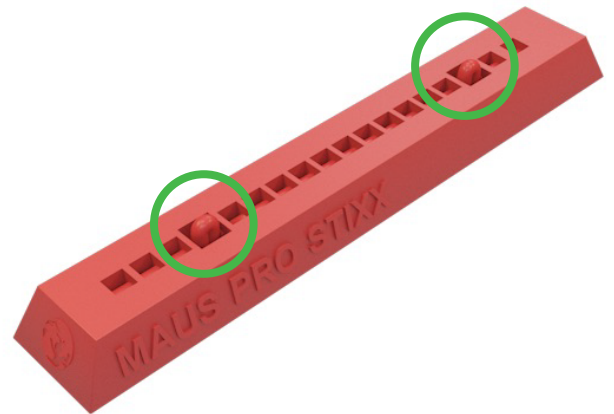
A simple, 5 second installation that can potentially save lives and millions of pounds in damages.

Advantages:

- Non pressurized product.
- 100% flooding when activated.
- Low temperature activation.
- 5 second installation.
- Extremely small.
- Requires no maintenance.
- Leaves no extinguishing residues (will not harm anything).

SPECIFICATIONS:

MAUS Pro Stixx	Fire Suppression Console
Article number:	1350-1
EAN:	7350015530157
Dimensions:	12,1 x 1,7 x 1 cm
Weight:	26g
Product life:	5 years (6 years shelf life)
Discharge time:	≤5s
Protected area:	0,1 m ³ (H100 x W50 x D20 cm)
Activation Temperature:	170°C±10°C
Operational Temperature:	-30°C - 70°C
Units per box:	1



Remember!

The MAUS Pro Stixx needs 5-10 cm space at the ports to allow space for the release of the extinguishing gas. The unit is designed for closed compartment and is not designed for open spaces which do not allow the extinguishing agent to operate as designed. Ventilated enclosures are not ideal for this technology.

Application:

Firstly, identify where the MAUS Stixx Pro is to be sited, either on the wall or inner ceiling of the enclosure. Then peel the plastic protective cover from the back and apply the MAUS Stixx Pro. The strong adhesive will keep the MAUS Stixx Pro in place for the product's lifespan. It really is a simple, 5 second installation.

Locations

Most electrical environments including:

- Electrical distribution Boards
- Control Panels
- Servers
- Enclosed spaces with the potential to become a fire hazard
- Vehicals