

# The Sticker that puts out fires

**Automatic Fire Supression Sticker for**

Electric Cabinets / Apparatus Cabinets / Server Racks/ Electric Boxes



Discharges in  
3-5 seconds



5 years protection



Compact size  
(10 x 5 cm)

# MAUS

# STIXX

TECHNOLOGY CERTIFIED BY



RINA



BAM



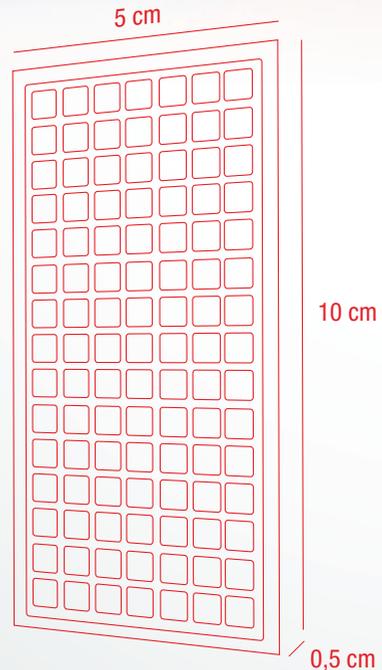
"As an electric project manager I am convinced that this innovation will be a standard in every electrical cabinet within the next couple of years. There is actually no actual reason not to make your cabinet fire proof or any other closed compartment for that reason where there could be a potential fire. Every week I hear about fire accidents that could have been prevented by this fire suppression sticker. So with that in mind, the low cost and the long protection I truly recommend this product in every small space where there could be a potential fire. "

**Mathias Alexandersson**  
Electric Project Manager  
Elprojekt Mälardalen AB

## The Fire Sticker™

### Advantages

- Compact Size 10 x 5 cm
- Standalone unit
- Non pressurized
- Residue free technology
- Easy assembly
- Maintenance free
- 5 years life span
- Fast response 3-5 seconds
- Non toxic potassium mix
- Extinguishes all kinds of fires\*



MAUS Stixx will be in gray color until 2020/06.

*\*Is not effective on glowing embers and burning metal.*

# Application

1

Cover 20% of the upper area for the best protection.

*Read about how many fire stickers that is recommended for different sizes of electrical cabinets on the page "How many fire stickers"*



2

At 380°C the fire sticker will activate within 3-5 seconds.



3

The potassium aerosol will float inside the electrical cabinet once it has been discharged and will prevent any new fires that would occur.

*Read more about the technology in the section "Technology PGA".*



## User instructions:

- 1 Remove the adhesive cover on the back of MAUS Stixx
- 2 Place MAUS Stixx on the flat surface or console above the expected area of a potential fire with the colored surface downwards
- 3 Do not bend or cut MAUS Stixx
- 4 Check the MAUS Stixx regularly to be sure that it has not been activated
- 5 It's important that any MAUS Stixx that has been activated will be replaced by a new one. You can see that it has been activated as the surface turns black.

# How many fire stickers?

Here is an easy way to calculate how many stickers you need for each space.

1. Calculate the area of the surface = L x W.
2. Divide The Area of the cabinet by 50 which is the area of the sticker.
3. Calculate 20% of the figure for number 2 above and you get the number of stickers needed.

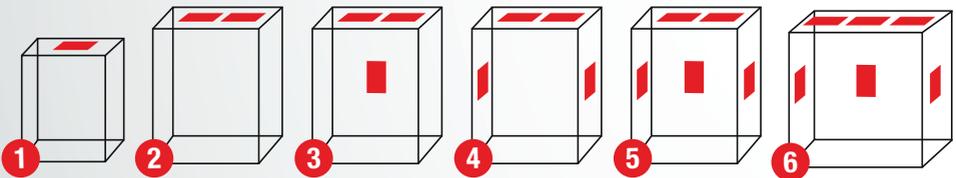
\*Example: Cabinet L x W = 1000 / 50 = 20 and 20% of 20 = 4

*\*If the result is 1,2 then fit 2 stickers and if it's 2,2 then fit 3 stickers etc.*

## Examples (cm):

Height	Width	Depth	Result	Amount of MAUS Stixx
300	20	12	0,96	1
380	30	21	2,52	3
600	60	21	5,04	5

## Where to place the stickers



*\*In the middle of the cabinet or where it best suited depending on the electrical components inside.*

**IMPORTANT!** Never more than 30 cm away from the sticker from where it could start a potential fire. If the cabinet is more than 60 cm tall you should calculate the exceeding space as a new cabinet according to "How many sticker do you need?".

## Formula

$$\frac{\text{AREA 1}}{\text{AREA 2}} \times 20\% = \text{AMOUNT OF STIXX}$$

# Technology PGA

The solid substance in MAUS Stixx consists mainly 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. Due to the fact that aerosols consist of very small particles in a 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 with a smaller diameter as the surface becomes large in relation to the mass, which makes the air resistance relatively large in relation to the gravitational force. This results in that particles stay suspended for a longer time and contributes to a longer inerting time and creates a re-ignition protection. Together, these factors make PGA a very effective extinguishing agent. The extinguishing effect per unit of weight is in the range 3-10 times more efficient than Halon.

**Source: MSB.se (Swedish Civil Contingencies Agency)**

## SPECIFICATIONS

MAUS Stixx	Fire Suppression Sticker
Article number:	1301-10 (10 pcs) / 1301-2 (2 pcs)
EAN:	7350015530102 / 7350015530058
Dimensions:	10 x 5 x 0,5 cm
Weight:	26g±1.5g
Product life:	5 years (8 years shelf life)
Response time:	3-5s
Protected area:	0,13 m <sup>3</sup> (ca 100 x 50 x 25 cm).
Storage Temperature:	-30°C - 100°C
Activation Temperature:	380°C
Included in packaging:	Installation-stickers, instruction manual.