

Compact Extinguishing System MX KLA CO₂

*Cool down.
Fire Protection by*

MINIMAX

Product

- ▶ The MX KLA CO₂ compact extinguishing system by Minimax was designed as a small extinguishing unit for the comprehensive protection of objects with low-level risk concerning human and object protection.
- ▶ CO₂ is preferably employed as the extinguishing agent. Other extinguishing agents may be used in accordance with the applicable regulations.
- ▶ CO₂ systems form a significant part of the fire extinguishing system. In light of its unique physical properties, CO₂ is ideal for special applications. Given that practically no emissions are discharged into the atmosphere, the use of CO₂ in fire fighting has no effects on the environment.

Use

- ▶ The Minimax compact extinguishing system is adapted to the individual requirements at hand, ensuring effective and reliable comprehensive fire protection at all times.
- ▶ Typical objects to be protected are:
 - machine tools
 - machines for metal-cutting processes
 - Spark erosion machines
 - Engine rooms for vehicles, cranes, loading shovels and industrial trucks
 - automats
 - test beds
 - laser systems
 - suction and filter systems
 - automatic shelf control systems
- ▶ The Minimax compact extinguishing systems are dimensioned and installed based on DIN 14497 in accordance with the VdS regulations 2093 and 3518.

Your Advantages

- ▶ A power-independent, simple pneumatic activation system ensures an unlimited safety circuit
- ▶ Resistance to technical disturbances
- ▶ The control system is equipped with a galvanised precision steel pipe for extra strength, and is mechanically resilient and resistant to standard hydraulic and cooling lubricants.
- ▶ Rapid fire fighting without extinguishing agent residue
- ▶ Operation-related maintenance
- ▶ Maximum safety for humans, with no environmental risks
- ▶ VdS approved and recognised components
- ▶ Economic modular design

Function

- ▶ A power-independent, simple pneumatic activation system ensures an unlimited safety circuit.
- ▶ The heat sensor activates the automatic extinguisher at a temperature increase of approx. 60°C (other temperature ranges are available). A manual activator is also available. Upon activation, an alarm is released and all machines and equipment are deactivated. The control system is strengthened with a galvanised precision steel pipe, and is mechanically resilient and resistant to standard hydraulic and cooling lubricants.
- ▶ Upon compact extinguishing system activation, potential-free contacts are wired for:
 - fire detection
 - device deactivation

In the event of loss of extinguishing agent, a fault message will appear. This ensures that the protected facilities can be deactivated in order to avoid the development of potential danger without fire protection.

Scope of Delivery

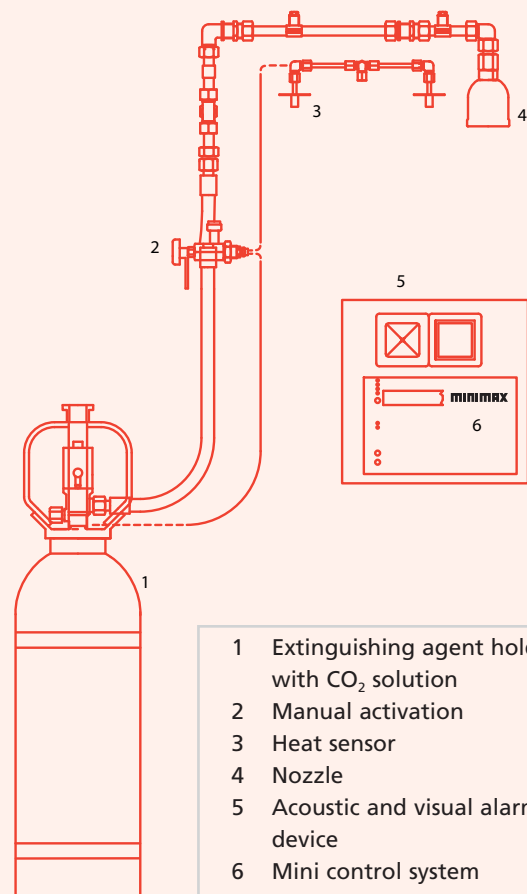
- ▶ Extinguishing agent holder with CO₂ solution
- ▶ Automatic activation mechanism
- ▶ Manual activation mechanism (by hand)
- ▶ Detection system
- ▶ Pipe network and nozzle system
- ▶ Acoustic and visual alarm device
- ▶ Mini control system for signal exchange with SPS machines or fire detection control panel
- ▶ small parts, screws, signs

Additional Components

- ▶ Mechanical weighing mechanism with loss display from 10%
- ▶ Strong and resistant protection cabinet with mechanical weighing mechanism with loss display from 10%

Note

- ▶ The compact extinguishing system is not suitable for the protection of objects with high-level risk concerning human and object protection. For this, Minimax offers VdS approved extinguishing systems with the necessary extinguishing agents.
- ▶ After installation, every compact extinguishing system must be subjected to an official inspection in accordance with VdS 3518 (BGR 134/ BGI 888).



- 1 Extinguishing agent holder with CO₂ solution
- 2 Manual activation
- 3 Heat sensor
- 4 Nozzle
- 5 Acoustic and visual alarm device
- 6 Mini control system

Service

- ▶ A CO₂ system must always be planned, installed, commissioned and maintained by a qualified technician in accordance with the applicable national/international regulations.
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- ▶ Systems and system components must be approved by a recognised European testing laboratory, and must meet all applicable EU regulations. In light of these conditions, a CO₂ system is a safe and environmentally-friendly fire protection solution.
- ▶ All inspection, maintenance and repair tasks are assumed by the Minimax service team.



Das Unternehmen ist gemäß ISO 14001:2004 zertifiziert.

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