



MINIMAX

MOBILE SERVICES

POWDER FIRE EXTINGUISHERS UNDER PERMANENT PRESSURE

DS 6iM, DS 9iM and DS 12iM

PRODUKT

- ▶ Fire extinguishers with the extinguishing agent powder are ideal for fighting initial fires of class A, B and C.
- ▶ The extinguishing effect is based on the anticatalytical effect where the powder particles interfere and stop the reaction process of the combustion. In case of a glowing burning substance (fire classification A) the formation of a melting layer causes an additional barrier effect, which prevents the oxygen supply. In addition re-inflammation is not possible.

EINSATZ

- ▶ ABC dry powder is used wherever different burning substances are expected. It reliably extinguishes fires of solid organic substances as well as fires of liquid substances or substances becoming liquid and gas fires.
- ▶ Typical ranges of application are:
 - outside areas
 - vehicles
 - garages
 - car-parks
 - multi-storey car-parks
 - heating systems

IHRE VORTEILE

- ▶ Novel, user-optimized operation layout: uniform operation and immediately recognizable functioning
- ▶ Easy handling due to standardised operation
- ▶ Protected against accidental operation
- ▶ Easy to proportion. The extinguishing jet can be stopped at anytime.
- ▶ The ideal extinguishing agent for gas fires
- ▶ Wide range of application
- ▶ Extremely strong extinguishing effect due to the anticatalytical effect
- ▶ Good storing properties of the extinguishing agent
- ▶ Recognised as safe for people, animals and the environment
- ▶ Extinguishing cylinder made of high-quality steel: internally single phosphated, externally double phosphated, protected against corrosion by a strong polyester resin outside coating
- ▶ Serially stand cams
- ▶ High operating safety
- ▶ Easy to maintain
- ▶ Pressure gauge



FUNKTION



▶ Pull to release safety catch.

▶ Grasp hose. Aim nozzle at the base of fire. Press down red lever.

- ▶ In order to avoid operating errors, all fire extinguishers should be premises with the same operation lever. Minimax provides fire extinguishers with single-lever operation for all ranges of application and fire classifications, which guarantee special safety.
- ▶ The extinguisher is ready for operation after pulling the safety device. When operating the pressure lever the extinguishing powder becomes a powder cloud, which reaches the outside via riser, powder hose and nozzle.
- ▶ The extinguishing agent flow is interrupted when releasing the pressure lever. Repeated operation of the pressure lever brings fires of solid substances under control. Liquid and gas fires must be extinguished without an interruption.

TECHNICAL DATA

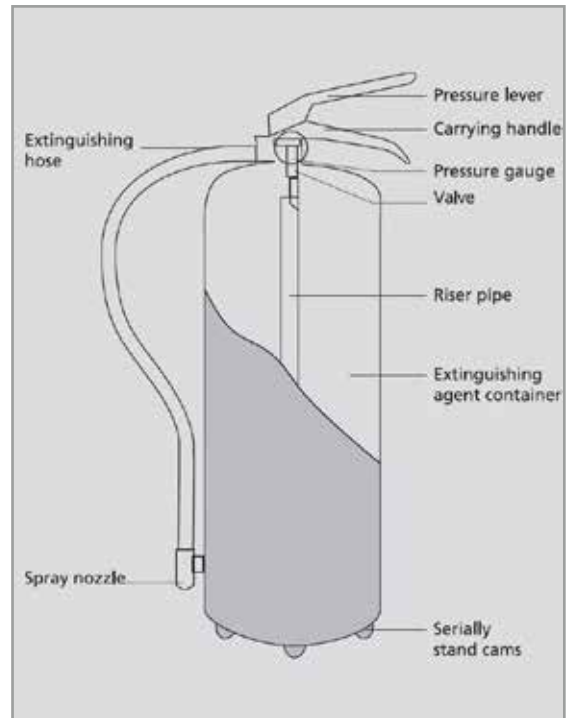
Type	Approval no. acc. ording to EN 3	Design	Quantity of exting. solution kg	Extinguishing solution elements	Propellant	Test pressure bar	Max. operating (max. PS) bar	Function duration approx. s	Discharge range approx. m	Temperature function range °C	Performance classes*			LE**	Dimensions			Weight without support approx. kg
											A	B	C		height approx. mm	width approx. mm	Ø approx. mm	
DS 6IM	SP 25/10	Contin. pressure	6	ABC dry powder	Nitrogen	30	21	17	8	-30 bis +60	34 A	233 B	3	10 LE	520	285	160	9,1
DS 9IM	SP 26/10	Contin. pressure	9	ABC dry powder	Nitrogen	30	21	25	8	-30 bis +60	43 A	233 B	3	12 LE	520	300	190	13,6
DS 12IM	SP 27/10	Contin. pressure	12	ABC dry powder	Nitrogen	30	21	28	8	-30 bis +60	55 A	233 B	3	15 LE	600	300	190	17,2

* according to EN 3 ** Efficiency classification according to ASR A2.2

MAINTENANCE

- ▶ Portable fire extinguishers must be maintained regularly by competent persons. The intervals for maintenance of portable fire extinguishers should be done in accordance with the national regulations. The competent person has also to comply the maintenance instructions of the manufacturer.
- ▶ Fire extinguishers must be refilled immediately after use – even if not completely emptied – to guarantee availability.
- ▶ Minimax Service stations take over all test and filling services. Ask your local agent.
- ▶ Suitable for up to 1000 volt observing a minimum distance of 1 m.

Certificates



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