

Approval Certificate



This is to certify, that the undernoted products have been approved in accordance with the relevant requirements of the GL Approval System.

Certificate No. 44 242 - 07 HH

Company Dynamit Nobel Defence GmbH

Dr.-Hermann-Fleck-Allee 8
57299 Burbach, GERMANY

Product Aerosol Fire Extinguishing Generators

Type Dynameco 200 - E02 / - PA01 / - TA08; Dynameco 300 - E02 / - PA01 / - TA08;
Dynameco 2000 - E02 / - PA01 / - TA08

Technical Data / Application Aerosol fire extinguishing generators for local fire protection of electrical cabinets and switchboards up to 1000 V or similar risks.

Technical details: indicated on page 2

Fire classes: B (limited) and C acc. to EN 2

Apart from automatic release (fire detection incorporated), it is strongly recommended that aerosol generators are provided along with a fire early warning system to ensure immediate release of the aerosol extinguishing medium in the incipient stage of a fire.

Approval Standard No commonly agreed international approval standard available

Documents See page 2

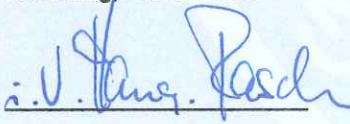
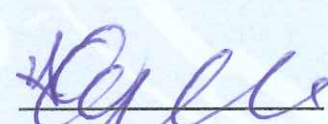
Remarks Manufacturer's instructions to be observed.

Valid until 2018-12-19

File No. XI.E.07

Germanischer Lloyd

Hamburg, 2013-12-20

Hanspeter Raschle

Michael Kämpf

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1) TECHNICAL DETAILS:

	Dynameco 200 - E02	Dynameco 300 - E02	Dynameco 2000 - E02
Type of release	----- electrical release -----		
Protected volume [cbm]	2	3	20
Weight [kg]	0,89	1,28	7,53
Discharge time [sec]	5	8	15
Operating temperature range	----- -40°C to +85°C -----		

	Dynameco 200 - PA01	Dynameco 300 - PA01	Dynameco 2000 - PA01
Type of release	----- pneumatic release -----		
Protected volume [cbm]	2	3	20
Weight [kg]	1,17	1,55	8,35
Discharge time [sec]	5	8	15
System pressure	----- 15 bar nominal -----		
Operating temperature range	----- -40°C to +85°C -----		

	Dynameco 200 - TA08	Dynameco 300 - TA08	Dynameco 2000 - TA08
Type of release	----- thermal release -----		
Protected volume [cbm]	2	3	20
Weight [kg]	1,225	1,78	7,73
Discharge time [sec]	5	8	15
Standard release temperatures [°C]	----- 57, 68, 79, 93 -----		
Operating temperature range	----- -40°C up to max. 15°C below the release temperature of the glass bulb -----		

2) DOCUMENTS:

- Manufacturer's data sheets (GL ref.-no. 12-030469 and 13-114931)
- BAM notification no. II.3/4584/10 (ident.-no. BAM-P1-0074), no. II.3/2339/10 (ident.-no. BAM-P1-0037) and no. II.3/4582/10 (ident.-no. BAM-P1-0075)
- Approval of the Interior Ministry of Northrhine-Westfalia, certificate no. PL-4/97, with addendums 1 to 7
- Test report of test laboratory for fire protection technology of the Austrian federal fire association, No. FT 9/289/97, serial no. 127.0

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