

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

AUTRONICA Heat Detectors BD series, addressable, with SelfVerify function (except BD-200) and short-circuit isolator, for connection to AutoSafe alarm systems:

1.1 - Main Characteristics:

	BD-200	BD-200M	BD-300
Class	A1, A1R, A2S, B, C	A1, A1R, A2S, B, C	A1, A1R, A2S, B, C
Protection Index	IP 44D (Dry Spaces)	IP 56 (Cold Spaces)	IP 44D (Dry Spaces)
Working Temperature	-20°C to +80°C	-30°C to +80°C	-20°C to +80°C
Power Supply	10-27 VDC	10-27 VDC	10-27 VDC
Ex Protection	N/A	N/A	N/A
Software Version	2.4x	2.4x	2.4x
Testing Standards	IEC 60092-504 EN 54-5 & 54-17	IEC 60092-504 EN 54-5 & 54-17	IEC 60092-504 EN 54-5 & 54-17

	BD-500, BD-500/N, BD-500/EX	BD-501, BD-501/N, BD-501/EX
Class	A1, A1R, A2S, B, C	A1, A1R, A2S, B, C
Protection Index	IP 44D (Humid Spaces)	IP 56 (Humid Spaces)
Working Temperature	-20°C to +80°C -20°C to +70°C (BD-500/N)	-20°C to +80°C -20°C to +70°C (BD-501/N)
Power Supply	10-27 VDC	10-27 VDC
Ex Protection	N/A (BD-500) Ex ic IIB T4 Gc (BD-500/N) Ex ia IIC T5 Ga (BD-500/EX)	N/A (BD-501) Ex ic IIB T4 Gc (BD-501/N) Ex ia IIC T5 Ga (BD-501/EX)
Software Version	2.4x	2.4x
Testing Standards	IEC 60092-504 EN 54-5 & 54-17	IEC 60092-504 EN 54-5 & 54-17

2. DOCUMENTS AND DRAWINGS:

Autronica:

BD-200 - 116-P-BD200/CGB, Rev. D dated 2009-06-23
 BD-200M - 116-P-BD200M/CGB, Rev. C dated 2018-10-08
 BD-300 - 116-P-BD300/CGB, Rev. E dated 2009-06-23
 BD-500 - 116-P-BD500/CGB, Rev. J dated 2019-03-27
 BD-501 - 116-P-BD501/CGB, Rev. F dated 2018-10-08
 BD-500/Ex - 116-P-BD500Ex/CGB, Rev. J dated 2019-03-27
 BD-501/Ex - 116-P-BD501Ex/CGB, Rev. I dated 2019-04-27
 BD-500/N Doc - 1000066-1, dated 2021-10-14
 BD-501/N Doc- 1000067-2, dated 2021-11-23
 AutoSafe Detectors SW Release 2.41, Doc. No. 850045Jan09/4.2/003 Version 1.0 dated 31.08.2010.
 Software documentation ref. 850045Jan09/4.2/003 Ver. 1.0
 Detector software description Ver. 1.0.
 Control Drawing/User Manual, Doc-1003606 rev.9 dated 19.11.2024
 Gap Analysis_EN54 dated 20.01.2026

3. TEST REPORTS:

Issued by LPC:

BD-300 Test report EN54/LPC N° TE 89797
 BD-500 Test report EN54/LPC N° TE 89799
 BD-501 Test report LPC N° TE 200205 (EN 54-5) and ANPI Test Report: BFS/REDI/155-2005.06.16 (EN 54-5 & 7 2000).

Issued by DNV:

Environmental and Testing of Autosafe System, Test Report No. 99-1491 Rev. 02 dated 03 December 1999.
 Maritime Testing of I/O and A/V Units, Test Report No. 2010-3107 Rev. 01 dated 2010-05-05.

For modification F0 version:

Issued by Nemko:

EC-Type Examination Certificate No. Nemko 03ATEX 217X, Issue 9 dated 2023-11-30.
 EC-Type Examination Certificate No. Nemko 03ATEX 218X, Issue 11 dated 2023-11-30.
 IECEX Certificate No. IECEX NEM 11.0009X Issue No.6, dated 2023-11-30.
 IECEX Certificate No. IECEX NEM 11.0017X Issue No.4, dated 2023-11-30.
 Test Report Environmental and EMC No. E18217.00, dated 2018-11-15.