ISSUE	MOD No.	INITIAL/DATE
2		Addition of UL Class Div and UL Fire approval. MA 29-08-2025
3	ACN0199	Corrected UL mark. Updated NEC/CEC Class Zone & Class Div lower ambient temperature limit from -40°C to -60°C. MA 23-12-2025

GNExS1FDC024-A

GNExS1F — Alarm Sounder
GNExS1FDC024-A — GNExS1FDC024AN1A1R

Voltage Range: 11.5-54 Vdc (Class Zone / Div)
10-60 Vdc (ATEX / IECEx)
Max Current: 221 mA

Nominal Voltage (Vdc):	12	24	48
Nominal Current (mA):	221	185	115

Type 4 / 4X / 3R / 13
IP66
Year / Serial No.: 00/1GS12000000
Made in the United Kingdom

SIRA 13ATEX1139X
IECEx SIR 13.0029X
CSAE 21UKEX1558X

ATEX / IECEx / UKCA
Ex db IIC T4 Gb Ta -60°C to +50°C
Ex db IIC T3 Gb Ta -60°C to +70°C
Ex db IIB T6 Gb Ta -60°C to +50°C
Ex db IIB T5 Gb Ta -60°C to +65°C
Ex db IIB T4 Gb Ta -60°C to +70°C

CE 2813 UKCA 0518 Ex II 2G

AVERTISSEMENT - NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE. DANGER POTENTIEL CHARGE ÉLECTROSTATIQUE - VOIR LES INSTRUCTIONS. LE CONDUIT DOIT AVOIR UN RACCORD D'ÉTANCHÉITÉ RACCORDÉ À MOINS DE 50 mm DU BOÎTIER. POUR DES CONDITIONS SPÉCIFIQUES - VOIR LES INSTRUCTIONS.

Label 1
(60 x 45 mm)

GNExS1FDC024-A

NEC Class / Zone:
Class 1 Zone 1 AEx db IIC T3 Gb Ta -60°C to +70°C
Class 1 Zone 1 AEx db IIC T4 Gb Ta -60°C to +50°C
Class 1 Zone 1 AEx db IIB T4 Gb Ta -60°C to +70°C
Class 1 Zone 1 AEx db IIB T5 Gb Ta -60°C to +65°C
Class 1 Zone 1 AEx db IIB T6 Gb Ta -60°C to +50°C

CEC Class / Zone:
Ex db IIC T3 Gb Ta -60°C to +70°C
Ex db IIC T4 Gb Ta -60°C to +50°C
Ex db IIB T4 Gb Ta -60°C to +70°C
Ex db IIB T5 Gb Ta -60°C to +65°C
Ex db IIB T6 Gb Ta -60°C to +50°C

NEC / CEC / Class / Div:
Class 1 Div 2 Group ABCD T3 Ta -60°C to +70°C
Class 1 Div 2 Group ABCD T4 Ta -60°C to +50°C
Class 1 Div 2 Group CD T4 Ta -60°C to +70°C
Class 1 Div 2 Group CD T5 Ta -60°C to +65°C
Class 1 Div 2 Group CD T6 Ta -60°C to +50°C

UL CERTIFIED E549307

Location: Suitable for Indoor and Outdoor Use.
See Instructions: D157-00-001-IS

Audible-Signal Appliance, Fire Alarm, for Use in Hazardous Locations

M20 X 1.5 ENTRIES - IF TEMPERATURE EXCEEDS 60°C AT ENTRY OR 60°C AT BRANCHING POINT USE SUITABLY RATED CABLE AND CABLE GLANDS - SEE INSTRUCTIONS.

WARNINGS - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT. POTENTIAL ELECTROSTATIC CHARGING HAZARD. CLEAN ONLY WITH A DAMP CLOTH - SEE INSTRUCTIONS. CONDUIT RUN MUST HAVE A SEALING FITTING CONNECTED WITHIN 50mm OF THE ENCLOSURE. FOR SPECIFIC CONDITIONS - SEE INSTRUCTIONS.

e2s warning signals — European Safety Systems Ltd. www.e2s.com — Impress House, Mansell Road, London UK, W3 7QH

Label 2
(60 x 50 mm)

GNExS1F GNExS1FDC024-A

Audible Signaling Appliance
Voltage Range: 11.5-54 Vdc Special Application
Max Current: 221 mA

Nominal Voltage (Vdc):	12	24	48
Nominal Current (mA):	221	185	115

-60°C/-76°F to +70°C/+158°F
Minimum SPL at 10 feet: 88.66 dB(A) (worst case @11.5 Vdc)
Location: Suitable for Indoor and Outdoor Wet Use.

Refer to: D157-00-001-IS-UL Issue B

e2s warning signals — European Safety Systems Ltd. www.e2s.com — Impress House, Mansell Road, London UK, W3 7QH

Label 3
(60 x 30 mm)

Label data for GNExS1F and GNExS1R 24 Vdc (GNExS1F shown).

GNExS2FDC024-A

GNExS2F — Alarm Sounder
GNExS2FDC024-A — GNExS2FDC024AN1A1R

Voltage Range: 11.5-54 Vdc (Class Zone / Div)
10-60 Vdc (ATEX / IECEx)
Max Current P2/P3: 324/740 mA

Nominal Voltage (Vdc):	12	24	48
Nominal Current P2/P3 (mA):	289/356	324/740	195/391

Type 4 / 4X / 3R / 13
IP66
Year / Serial No.: 00/1GS22000001
Made in the United Kingdom

SIRA 13ATEX1139X
IECEx SIR 13.0029X
CSAE 21UKEX1558X

ATEX / IECEx / UKCA
Ex db IIC T4 Gb Ta -60°C to +50°C
Ex db IIC T3 Gb Ta -60°C to +58°C
Ex db IIB T6 Gb Ta -60°C to +50°C
Ex db IIB T5 Gb Ta -60°C to +58°C

CE 2813 UKCA 0518 Ex II 2G

AVERTISSEMENT - NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE. DANGER POTENTIEL CHARGE ELECTROSTATIQUE - VOIR LES INSTRUCTIONS. LE CONDUIT DOIT AVOIR UN RACCORD D'ETANCHEITE RACCORDE A MOINS DE 50 mm DU BOITIER. POUR DES CONDITIONS SPECIFIQUES - VOIR LES INSTRUCTIONS.

Label 1
(60 x 45 mm)

GNExS2FDC024-A

NEC Class / Zone:
Class 1 Zone 1 AEx db IIC T3 Gb Ta -60°C to +58°C
Class 1 Zone 1 AEx db IIC T4 Gb Ta -60°C to +50°C
Class 1 Zone 1 AEx db IIB T5 Gb Ta -60°C to +58°C
Class 1 Zone 1 AEx db IIB T6 Gb Ta -60°C to +50°C

CEC Class / Zone:
Ex db IIC T3 Gb Ta -60°C to +58°C
Ex db IIC T4 Gb Ta -60°C to +50°C
Ex db IIB T5 Gb Ta -60°C to +58°C
Ex db IIB T6 Gb Ta -60°C to +50°C

NEC / CEC / Class / Div:
Class 1 Div 2 Group ABCD T3 Ta -60°C to +58°C
Class 1 Div 2 Group ABCD T4 Ta -60°C to +50°C
Class 1 Div 2 Group CD T5 Ta -60°C to +58°C
Class 1 Div 2 Group CD T6 Ta -60°C to +50°C

UL CERTIFIED E549307

Location: Suitable for Indoor and Outdoor Use.
See Instructions: D157-00-101-IS

Audible-Signal Appliance, Fire Alarm, for Use in Hazardous Locations

M20 X 1.5 ENTRIES - IF TEMPERATURE EXCEEDS 60°C AT ENTRY OR 60°C AT BRANCHING POINT USE SUITABLY RATED CABLE AND CABLE GLANDS - SEE INSTRUCTIONS.

WARNINGS - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT. POTENTIAL ELECTROSTATIC CHARGING HAZARD. CLEAN ONLY WITH A DAMP CLOTH - SEE INSTRUCTIONS. CONDUIT RUN MUST HAVE A SEALING FITTING CONNECTED WITHIN 50mm OF THE ENCLOSURE. FOR SPECIFIC CONDITIONS - SEE INSTRUCTIONS.

e2s warning signals — European Safety Systems Ltd. www.e2s.com — Impress House, Mansell Road, London UK, W3 7QH

Label 2
(60 x 50 mm)

GNExS2F GNExS2FDC024-A

Audible Signaling Appliance
Voltage Range: 11.5-54 Vdc Special Application
Max Current P2/P3: 324/740

Nominal Voltage (Vdc):	12	24	48
Nominal Current P2/P3 (mA):	289/356	324/740	195/391

-60°C/-76°F to +70°C/+158°F
Minimum P2/P3 SPL at 10 feet: 92.76/93.67 dB(A) (worst case @11.5 Vdc)
Location: Suitable for Indoor and Outdoor Wet Use.

Refer to: D157-00-001-IS-UL Issue B

e2s warning signals — European Safety Systems Ltd. www.e2s.com — Impress House, Mansell Road, London UK, W3 7QH

Label 3
(60 x 30 mm)

Label data for GNExS2F and GNExS2H 24 Vdc (GNExS2F shown).

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO ISO1101:1983
LINEAR DIMENSIONAL TOLS +/−0.35mm
ANGULAR DIMENSIONAL TOLS +/−2 deg

STANDARDS
GNExS2, GNExS1 SOUNDERS

DRAWN D.HOWGILL DATE 24-01-22
CHECKED R.N.POTTS DATE 24-01-22
APPROVED R.N.POTTS DATE 24-01-22

SURFACE FINISH
WEIGHT (Kg)
MATERIAL SEE NOTE
ALTERNATIVE MATERIAL

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IMPRESS HOUSE
MANSELL ROAD
ACTON
LONDON W3 7QH
WWW.E2S.COM

ALL DIMENSIONS IN MM
IF IN DOUBT, ASK - DO NOT SCALE

A3

TITLE GNExS2 and GNExS1 Ex 'd' SOUNDER PRODUCT LABEL

SCALE 1:1
SHEET 1 of 3
DRAWING NUMBER D157-09-001

ISSUE	MOD No.	INITIAL/DATE
2		Addition of UL Class Div and UL Fire approval. MA 29-08-2025
3	ACN0199	Corrected UL mark. Updated NEC/CEC Class Zone & Class Div lower ambient temperature limit from -40°C to -60°C. MA 23-12-2025

GNExS1FAC230-A

GNExS1F — Alarm Sounder
GNExS1FAC230-A — GNExS1FAC230AN1A1R

Voltage Range: 100-253 Vac 50/60Hz
Max Current: 80 mA

Nominal Voltage (Vac 50/60Hz):	115	230
Nominal Current (mA):	73	48

IP66
Year / Serial No.: 00/1GS13000000

CE 2813 UKCA 0518

SIRA 13ATEX1139X
IECEx SIR 13.0029X
CSAE 21UKEX1558X
Ⓔx II 2G
Ex db IIC T4 Gb Ta -60°C to +50°C
Ex db IIC T3 Gb Ta -60°C to +70°C
Ex db IIB T6 Gb Ta -60°C to +50°C
Ex db IIB T5 Gb Ta -60°C to +65°C
Ex db IIB T4 Gb Ta -60°C to +70°C

Made in the United Kingdom

M20 X 1.5 ENTRIES - IF TEMPERATURE EXCEEDS 70°C AT ENTRY OR 80°C AT BRANCHING POINT USE SUITABLY RATED CABLE AND CABLE GLANDS - SEE INSTRUCTIONS.

WARNINGS - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT. ELECTROSTATIC HAZARD - CLEAN ONLY WITH A DAMP CLOTH.

e2S warning signals — European Safety Systems Ltd. www.e2s.com — Impress House, Mansell Road, London UK, W3 7QH

Label 1
(60 x 50 mm)

Label data for GNExS1F and GNExS1R 230 Vac (GNExS1F shown).

GNExS2FAC230-A

GNExS2F — Alarm Sounder
GNExS2FAC230-A — GNExS2FAC230AN1A1R

Voltage Range: 100-253 Vac 50/60Hz
Max Current P2/P3: 138/325 mA

Nominal Voltage (Vac 50/60Hz):	115	230
Nominal Current P2/P3 (mA):	125/282	78/167

IP66
Year / Serial No.: 00/1GS23000001

CE 2813 UKCA 0518

SIRA 13ATEX1139X
IECEx SIR 13.0029X
CSAE 21UKEX1558X
Ⓔx II 2G
Ex db IIC T4 Gb Ta -60°C to +50°C
Ex db IIC T3 Gb Ta -60°C to +58°C
Ex db IIB T6 Gb Ta -60°C to +50°C
Ex db IIB T5 Gb Ta -60°C to +58°C

Made in the United Kingdom

M20 X 1.5 ENTRIES - IF TEMPERATURE EXCEEDS 70°C AT ENTRY OR 80°C AT BRANCHING POINT USE SUITABLY RATED CABLE AND CABLE GLANDS - SEE INSTRUCTIONS.

WARNINGS - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT. ELECTROSTATIC HAZARD - CLEAN ONLY WITH A DAMP CLOTH.

e2S warning signals — European Safety Systems Ltd. www.e2s.com — Impress House, Mansell Road, London UK, W3 7QH

Label 1
(60 x 50 mm)

Label data for GNExS2F and GNExS2H 230 Vac (GNExS2F shown).

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO ISO1101:1983
LINEAR DIMENSIONAL TOLS +/−0.35mm
ANGULAR DIMENSIONAL TOLS +/−2 deg

STANDARDS
GNExS2, GNExS1 SOUNDERS

DRAWN D.HOWGILL DATE 24-01-22
CHECKED R.N.POTTS DATE 24-01-22
APPROVED R.N.POTTS DATE 24-01-22

SURFACE FINISH
WEIGHT (Kg)
MATERIAL SEE NOTE
ALTERNATIVE MATERIAL

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MANSELL ROAD
ACTON
LONDON W3 7QH
WWW.E2S.COM

ALL DIMENSIONS IN MM
IF IN DOUBT, ASK - DO NOT SCALE

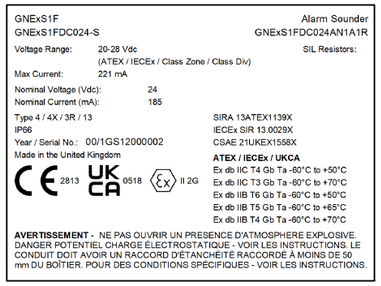
A3

TITLE GNExS2 and GNExS1 Ex 'd' SOUNDER PRODUCT LABEL

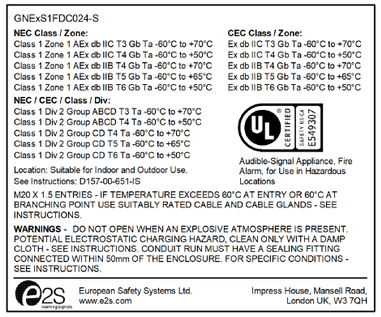
SCALE 1:1
SHEET 2 of 3
DRAWING NUMBER D157-09-001

ISSUE	MOD No.	INITIAL/DATE
2		Addition of UL Class Div and UL Fire approval. MA 29-08-2025
3	ACN0199	Corrected UL mark. Updated NEC/CEC Class Zone & Class Div lower ambient temperature limit from -40°C to -60°C. MA 23-12-2025

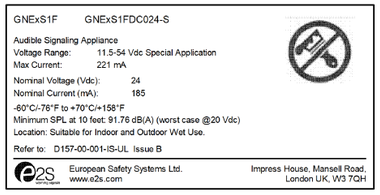
GNExS1FDC024-S (SIL version)



Label 1
(60 x 45 mm)



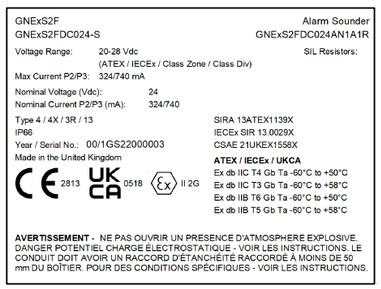
Label 2
(60 x 50 mm)



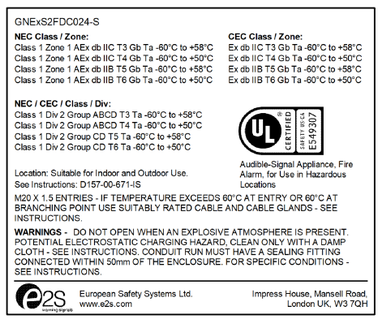
Label 3
(60 x 30 mm)

Label data for GNExS1F and GNExS1R (SIL version) 24 Vdc (GNExS1F shown).

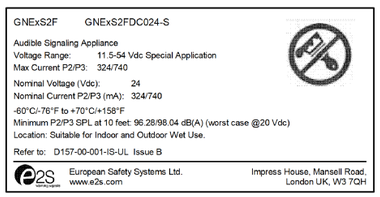
GNExS2FDC024-S(SIL version)



Label 1
(60 x 45 mm)



Label 2
(60 x 50 mm)



Label 3
(60 x 30 mm)

Label data for GNExS2F and GNExS2H (SIL version) 24 Vdc (GNExS2F shown).

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO ISO1101:1983
LINEAR DIMENSIONAL TOLS +/−0.35mm
ANGULAR DIMENSIONAL TOLS +/−2 deg

STANDARDS
GNExS2, GNExS1 SOUNDERS

DRAWN D.HOWGILL DATE 24-01-22
CHECKED R.N.POTTS DATE 24-01-22
APPROVED R.N.POTTS DATE 24-01-22

SURFACE FINISH | WEIGHT (Kg)
MATERIAL SEE NOTE
ALTERNATIVE MATERIAL

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IF IN DOUBT, ASK - DO NOT SCALE

A3

TITLE GNExS2 and GNExS1 Ex 'd' SOUNDER PRODUCT LABEL

SCALE 1:1
SHEET 3 of 3
DRAWING NUMBER D157-09-001