

8	9	10
ISSUE	MOD No.	INITIAL/DATE
1		INTRODUCTION DAH 15-03-2022

D1xS2F
Model: D1xS2-DC024-A
Audible Signaling Appliance
Voltage Range: 11.5-54Vdc Special Application

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

Refer to: D190-09-001-15-UL Issue A

-55°C/-67°F to +85°C/185°F
Audible Appliance for use in Fire Alarm Systems - Public Mode
Minimum SPL at 10 feet (dB(A)): P2/P3: US: 94.9/95.51;
CA: 101.6/101.8 (worst case @ 11.5Vdc)
Minimum SPL at 10 feet (dB(A)): P2/P3: US: 98.42/102.7; CA: 105.2/109.4 (@ 24Vdc)

D1xS2-DC024-A
Label 1

D1xS2F
Model: D1xS2-DC024-D
Audible Signaling Appliance
Voltage Range: 11.5-54Vdc Special Application

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

D1xS2-DC024-D
Label 1

D1xS2F
Model: D1xS2-AC230-A
Audible Signaling Appliance
Voltage Range: 100-240Vac 50/60Hz

Nominal Voltage	115Vac	230Vac
Nominal Current P2/P3 (mA)	129/282	178/167
Max Current P2/P3 (mA)		138/325

-55°C/-67°F to +85°C/185°F General Signaling CA: -55°C/-67°F to +40°C/104°F

D1xS2-AC230-A
Label 1

D1xS2F
Model: D1xS2-AC230-D
Audible Signaling Appliance
Voltage Range: 100-240Vac 50/60Hz

Nominal Voltage	115Vac	230Vac
Nominal Current P2/P3 (mA)	129/282	178/167
Max Current P2/P3 (mA)		138/325

D1xS2-AC230-D
Label 1

D1xS2-DC024-A
D1xS2FDC024...

UL CERTIFIED SAFETY SIGNALING US-CA E230764 e2S warning signals

US & CANADA (NEC & CEC) CLASS DIV
CLASS I DIV 1 Group ABCD T4A Ta -55°C to +85°C Ex db IIC T5 Gb Ta -55°C to +75°C
CLASS I DIV 1 Group ABCD T5 Ta -55°C to +80°C Ex db IIC T6 Gb Ta -55°C to +60°C
CLASS I DIV 1 Group ABCD T6 Ta -55°C to +65°C Ex db IIC T95°C Db Ta -55°C to +75°C
US & CANADA (NEC & CEC) CLASS ZONE
CLASS I ZONE 1 IIC T4A Ta -55°C to +85°C
CLASS I ZONE 1 IIC T5 Ta -55°C to +80°C
CLASS I ZONE 1 IIC T6 Ta -55°C to +65°C

ATEX / IECEx
II 2G DEMKO 19 ATEX 2141X
II 2D IECEx ULD 19.0008X
UKEx UL UL21UKE2132X

Location: Suitable for indoor & outdoor wet use
Warnings:
Enclosure Entries: Twin: M20x1.5 / Single: 1/2" NPT
If temperature exceeds 70°C at entry or 80°C at branching point use suitable rated cable and cable glands

Type 4 / 4X / 3R / 13 IP66
Year / Serial No. YY/01DD22...

Impress House, Mansell Rd, London UK W3 7QH www.e2s.com

D1xS2-DC024-A
Label 2

D1xS2-DC024-D
D1xS2FDC024...

UL CERTIFIED SAFETY SIGNALING US-CA E230764 e2S warning signals

US & CANADA (NEC & CEC) CLASS DIV
CLASS II DIV 1 Group FG T6 Ta -55°C to +70°C
CLASS III DIV 1 Ta -55°C to +70°C
US & CANADA (NEC & CEC) CLASS ZONE
CLASS II ZONE 20 Group IIIB T6 Ta -55°C to +70°C

ATEX / IECEx
II 2G DEMKO 19 ATEX 2141X
II 2D IECEx ULD 19.0008X
UKEx UL UL21UKE2132X

Location: Suitable for indoor & outdoor wet use
Warnings:
Enclosure Entries: Twin: M20x1.5 / Single: 1/2" NPT
If temperature exceeds 70°C at entry or 80°C at branching point use suitable rated cable and cable glands

Type 4 / 4X / 3R / 13 IP66
Year / Serial No. YY/01DD22...

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D1xS2-DC024-D
Label 2

D1xS2-AC230-A
D1xS2FAC230...

UL CERTIFIED SAFETY SIGNALING US-CA E230764 e2S warning signals

US (NEC) CLASS DIV
CLASS I DIV 1 Group ABCD T4A Ta -55°C to +85°C Ex db IIC T5 Gb Ta -55°C to +75°C
CLASS I DIV 1 Group ABCD T5 Ta -55°C to +80°C Ex db IIC T6 Gb Ta -55°C to +60°C
CLASS I DIV 1 Group ABCD T6 Ta -55°C to +65°C Ex db IIC T95°C Db Ta -55°C to +75°C
US (NEC) CLASS ZONE
CLASS I ZONE 1 Group IIC T4A Ta -55°C to +85°C
CLASS I ZONE 1 Group IIC T5 Ta -55°C to +80°C
CLASS I ZONE 1 Group IIC T6 Ta -55°C to +65°C
CANADA (CEC) CLASS DIV
CLASS I DIV 1 Group ABCD T6 Ta -55°C to +40°C
CANADA (CEC) CLASS ZONE
CLASS I ZONE 1 Group IIC T6 Ta -55°C to +40°C

ATEX / IECEx
II 2G DEMKO 19 ATEX 2141X
II 2D IECEx ULD 19.0008X
UKEx UL UL21UKE2132X

Location: Suitable for indoor & outdoor wet use
Warnings:
Enclosure Entries: Twin: M20x1.5 / Single: 1/2" NPT
If temperature exceeds 70°C at entry or 80°C at branching point use suitable rated cable and cable glands

Type 4 / 4X / 3R / 13 IP66
Year / Serial No. YY/01DD22...

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D1xS2-AC230-A
Label 2

D1xS2-AC230-D
D1xS2FAC230...

UL CERTIFIED SAFETY SIGNALING US-CA E230764 e2S warning signals

US (NEC) CLASS DIV
CLASS II DIV 1 Group FG T6 Ta -55°C to +70°C
CLASS II DIV 1 Ta -55°C to +70°C
US (NEC) CLASS ZONE
CLASS II ZONE 20 IIIB T6 Ta -55°C to +70°C
CANADA (CEC) CLASS DIV
CLASS II DIV 1 Group FG T6 Ta -55°C to +40°C
CLASS II DIV 1 Ta -55°C to +40°C
CANADA (CEC) CLASS ZONE
CLASS II ZONE 20 IIIB T6 Ta -55°C to +40°C

ATEX / IECEx
II 2G DEMKO 19 ATEX 2141X
II 2D IECEx ULD 19.0008X
UKEx UL UL21UKE2132X

Location: Suitable for indoor & outdoor wet use
Warnings:
Enclosure Entries: Twin: M20x1.5 / Single: 1/2" NPT
If temperature exceeds 70°C at entry or 80°C at branching point use suitable rated cable and cable glands

Type 4 / 4X / 3R / 13 IP66
Year / Serial No. YY/01DD22...

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D1xS2-AC230-D
Label 2

- Notes:
- For D1xS2H, replace 'F' with 'H' in part code
 - Enclosure entries may differ depending on product options

CAUTION
TO REDUCE THE RISK OF IGNITION OF HAZARDOUS ATMOSPHERES:
DISCONNECT FROM SUPPLY BEFORE OPENING.
KEEP TIGHTLY CLOSED WHEN IN OPERATION.




WARNING
FIT SEALING FITTING IN CONDUIT RUNS
WITHIN 18 INCHES FROM ENCLOSURE.
NOT TO BE USED AS A VISUAL PUBLIC
MODE ALARM NOTIFICATION APPLIANCE.
DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT
DO NOT OPEN WHEN ENERGISED
POTENTIAL ELECTROSTATIC CHARGING HAZARD - CLEAN ONLY
WITH A DAMP CLOTH

ATTENTION
POUR REDUIRE LE RISQUE D'INFLAMMATION
DES ATMOSPHERES DANGEREUSES:
COUPER L'ALIMENTATION AVANT OUVERTURE.
CONSERVER FERME PENDANT LE FONCTIONNEMENT.

AVERTISSEMENT
CONDUITS DOIVENT ETRE SCELLES EN MOINS DE 18 POUCES.
NE DOIT PAS ETRE UTILISE EN TANTQUE APPAREIL
POUR LA NOTIFICATION D'ALARME PUBLIQUE VISUELLE.
NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE
NE PAS OUVRIR QUAND ENERGISE
DANGER POTENTIEL CHARGE ELECTROSTATIQUE -
NETTOYER UNIQUEMENT AVEC UN CHIFFON HUMIDE

D1xS2 Warnings Label
(All Models)

RELATED DRAWING
No modification permitted
without reference to the
"Authorised Person"

DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS +/-0.35mm ANGULAR DIMENSIONAL TOLS +/-2 deg	DRAWN D.HOWGILL	DATE 14-02-22	SURFACE FINISH	WEIGHT (Kg)	THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER THEREIN IS COMMUNICATED IN CONFIDENCE AND IS THE COPYRIGHT PROPERTY OF EUROPEAN SAFETY SYSTEMS LTD. NEITHER THE WHOLE OR ANY EXTRACT MAY BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING OR TENDERING PURPOSES WITHOUT THEIR WRITTEN CONSENT.	 EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM IF IN DOUBT, ASK - DO NOT SCALE	 	A3
	CHECKED R.N.POTTS	DATE 14-02-22	SEE NOTE				TITLE D1xS2 SOUNDER LABELS		
	APPROVED R.N.POTTS	DATE 14-02-22	ALTERNATIVE MATERIAL	SCALE 1:1			SHEET 1 of 1	DRAWING NUMBER D190-09-101	