

8	9	10
ISSUE	MOD No.	INITIAL/DATE
1		INTRODUCTION DH 10-06-22

1 2 3 4 5 6 7

A

B

C

D

E

F

G

H

I

J

K

L

M

N

**E2xS1F / E2xS1R  
24V DC**

**E2xS1F / E2xS1R  
48V DC**

**E2xS1F / E2xS1R  
115V AC**

**E2xS1F / E2xS1R  
230V AC**

PRODUCT LABEL 1

**E2xS1FDC024**

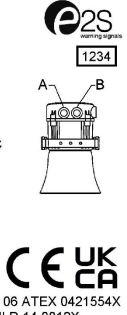
II 3G Voltage: 24Vdc  
II 3D Current: 284mA  
ATEX/IECEX/UKEX  
Ex ec IIC T4 Gc Ta -20°C to +55°C  
Ex to IIIC 85°C Dc Ta -20°C to +55°C

NEC Class / Zone  
Class I Zone 2 AEx ec IIC T4 Gc Ta -20°C to +55°C  
Zone 22 AEx tc IIIC T85°C Dc Ta -20°C to +55°C

CEC Class / Zone  
Ex ec IIC T4 Gc Ta -20°C to +55°C  
Ex to IIIC T85°C Dc Ta -20°C to +55°C

2 x cable entries A = M20x1.5 B = 1/2" NPT  
Use heat resistant cable and entry devices  
- see instr. D209-00-001-IS-SC  
IP66, Type 4 / 4X / 13  
Year / Serial No. 22/1NUS12000000  
Impress House, Mansell Rd, London UK, W37QH, www.e2s.com

DEMKO 06 ATEX 0421554X  
IECEX ULD 14.0012X  
UL21UKEX2135X



**E2xS1FDC048**

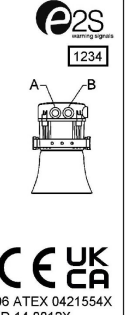
II 3G Voltage: 48Vdc  
II 3D Current: 146mA  
ATEX/IECEX/UKEX  
Ex ec IIC T4 Gc Ta -20°C to +55°C  
Ex to IIIC 85°C Dc Ta -20°C to +55°C

NEC Class / Zone  
Class I Zone 2 AEx ec IIC T4 Gc Ta -20°C to +55°C  
Zone 22 AEx tc IIIC T85°C Dc Ta -20°C to +55°C

CEC Class / Zone  
Ex ec IIC T4 Gc Ta -20°C to +55°C  
Ex to IIIC T85°C Dc Ta -20°C to +55°C

2 x cable entries A = M20x1.5 B = 1/2" NPT  
Use heat resistant cable and entry devices  
- see instr. D209-00-001-IS-SC  
IP66, Type 4 / 4X / 13  
Year / Serial No. 22/1NUS16000002  
Impress House, Mansell Rd, London UK, W37QH, www.e2s.com

DEMKO 06 ATEX 0421554X  
IECEX ULD 14.0012X  
UL21UKEX2135X



**E2xS1FAC115**

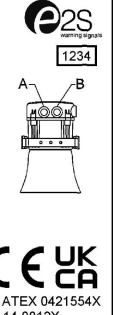
II 3G Voltage: 115-120Vac  
II 3D Current: 104mA  
ATEX/IECEX/UKEX  
Ex ec IIC T4 Gc Ta -20°C to +55°C  
Ex to IIIC 85°C Dc Ta -20°C to +55°C

NEC Class / Zone  
Class I Zone 2 AEx ec IIC T4 Gc Ta -20°C to +55°C  
Zone 22 AEx tc IIIC T85°C Dc Ta -20°C to +55°C

CEC Class / Zone  
Ex ec IIC T4 Gc Ta -20°C to +55°C  
Ex to IIIC T85°C Dc Ta -20°C to +55°C

2 x cable entries A = M20x1.5 B = 1/2" NPT  
Use heat resistant cable and entry devices  
- see instr. D209-00-001-IS-SC  
IP66, Type 4 / 4X / 13  
Year / Serial No. 22/1NUS15000004  
Impress House, Mansell Rd, London UK, W37QH, www.e2s.com

DEMKO 06 ATEX 0421554X  
IECEX ULD 14.0012X  
UL21UKEX2135X



**E2xS1FAC230**

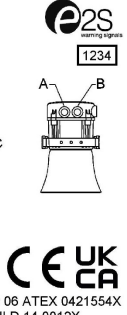
II 3G Voltage: 220-230Vac  
II 3D Current: 54mA  
ATEX/IECEX/UKEX  
Ex ec IIC T4 Gc Ta -20°C to +55°C  
Ex to IIIC 85°C Dc Ta -20°C to +55°C

NEC Class / Zone  
Class I Zone 2 AEx ec IIC T4 Gc Ta -20°C to +55°C  
Zone 22 AEx tc IIIC T85°C Dc Ta -20°C to +55°C

CEC Class / Zone  
Ex ec IIC T4 Gc Ta -20°C to +55°C  
Ex to IIIC T85°C Dc Ta -20°C to +55°C

2 x cable entries A = M20x1.5 B = 1/2" NPT  
Use heat resistant cable and entry devices  
- see instr. D209-00-001-IS-SC  
IP66, Type 4 / 4X / 13  
Year / Serial No. 22/1NUS13000006  
Impress House, Mansell Rd, London UK, W37QH, www.e2s.com

DEMKO 06 ATEX 0421554X  
IECEX ULD 14.0012X  
UL21UKEX2135X




**E2xS1FDC024**

NEC / CEC Class / Div  
Class I, Div 2, ABCD T3C Ta -20°C to +55°C  
Class I, Div 2, ABCD T4 Ta -20°C to +40°C  
Class II, Div 2, FG T6 Ta -20°C to +55°C  
Class III, Div 1&2 Ta -20°C to +55°C

**WARNING:**  
DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT  
DO NOT OPEN WHEN ENERGISED  
POTENTIAL ELECTROSTATIC CHARGING HAZARD - CLEAN ONLY WITH A DAMP CLOTH  
HIGH VOLTAGE SHOCK HAZARD. WAIT 5 MINUTES AFTER REMOVING POWER BEFORE OPENING THE ENCLOSURE

**AVERTISSEMENT:**  
NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE  
NE PAS OUVRIR ENERGIE  
DANGER POTENTIEL CHARGE ELECTROSTATIQUE - NETTOYER UNIQUEMENT AVEC UN CHIFFON HUMIDE  
HAUT TENSION, RISK DE CHOC. ATTENDEZ 5 MINUTES APRES AVOIR DEBRANCHE L'ALIMENTATION AVANT D'OUVRIR LA BOITIER




**E2xS1FDC048**

NEC / CEC Class / Div  
Class I, Div 2, ABCD T3C Ta -20°C to +55°C  
Class I, Div 2, ABCD T4 Ta -20°C to +40°C  
Class II, Div 2, FG T6 Ta -20°C to +55°C  
Class III, Div 1&2 Ta -20°C to +55°C

**WARNING:**  
DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT  
DO NOT OPEN WHEN ENERGISED  
POTENTIAL ELECTROSTATIC CHARGING HAZARD - CLEAN ONLY WITH A DAMP CLOTH  
HIGH VOLTAGE SHOCK HAZARD. WAIT 5 MINUTES AFTER REMOVING POWER BEFORE OPENING THE ENCLOSURE

**AVERTISSEMENT:**  
NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE  
NE PAS OUVRIR ENERGIE  
DANGER POTENTIEL CHARGE ELECTROSTATIQUE - NETTOYER UNIQUEMENT AVEC UN CHIFFON HUMIDE  
HAUT TENSION, RISK DE CHOC. ATTENDEZ 5 MINUTES APRES AVOIR DEBRANCHE L'ALIMENTATION AVANT D'OUVRIR LA BOITIER




**E2xS1FAC115**

NEC / CEC Class / Div  
Class I, Div 2, ABCD T3C Ta -20°C to +55°C  
Class I, Div 2, ABCD T4 Ta -20°C to +40°C  
Class II, Div 2, FG T6 Ta -20°C to +55°C  
Class III, Div 1&2 Ta -20°C to +55°C

**WARNING:**  
DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT  
DO NOT OPEN WHEN ENERGISED  
POTENTIAL ELECTROSTATIC CHARGING HAZARD - CLEAN ONLY WITH A DAMP CLOTH  
HIGH VOLTAGE SHOCK HAZARD. WAIT 5 MINUTES AFTER REMOVING POWER BEFORE OPENING THE ENCLOSURE

**AVERTISSEMENT:**  
NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE  
NE PAS OUVRIR ENERGIE  
DANGER POTENTIEL CHARGE ELECTROSTATIQUE - NETTOYER UNIQUEMENT AVEC UN CHIFFON HUMIDE  
HAUT TENSION, RISK DE CHOC. ATTENDEZ 5 MINUTES APRES AVOIR DEBRANCHE L'ALIMENTATION AVANT D'OUVRIR LA BOITIER




**E2xS1FAC230**

NEC / CEC Class / Div  
Class I, Div 2, ABCD T3C Ta -20°C to +55°C  
Class I, Div 2, ABCD T4 Ta -20°C to +40°C  
Class II, Div 2, FG T6 Ta -20°C to +55°C  
Class III, Div 1&2 Ta -20°C to +55°C

**WARNING:**  
DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT  
DO NOT OPEN WHEN ENERGISED  
POTENTIAL ELECTROSTATIC CHARGING HAZARD - CLEAN ONLY WITH A DAMP CLOTH  
HIGH VOLTAGE SHOCK HAZARD. WAIT 5 MINUTES AFTER REMOVING POWER BEFORE OPENING THE ENCLOSURE

**AVERTISSEMENT:**  
NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE  
NE PAS OUVRIR ENERGIE  
DANGER POTENTIEL CHARGE ELECTROSTATIQUE - NETTOYER UNIQUEMENT AVEC UN CHIFFON HUMIDE  
HAUT TENSION, RISK DE CHOC. ATTENDEZ 5 MINUTES APRES AVOIR DEBRANCHE L'ALIMENTATION AVANT D'OUVRIR LA BOITIER



NOTES:

- FOR RADIAL VERSION, PART CODE 'E2xS1F' BECOMES 'E2xS1R'
- CABLE ENTRIES MAY CHANGE DEPENDING ON PART CODE SELECTED

DRAWING TO BS8888:2000  
GEOMETRIC TOLERANCES TO ISO1101:1983  
LINEAR DIMENSIONAL TOLS +/-0.35mm  
ANGULAR DIMENSIONAL TOLS +/-2 deg  
STANDARDS  
E2X

DRAWN	DATE	10-06-22
D.HOWGILL		
CHECKED	DATE	10-06-22
R.N.POTTS		
APPROVED	DATE	10-06-22
R.N.POTTS		

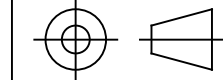
SURFACE FINISH	WEIGHT (Kg)
MATERIAL	SEE NOTE
ALTERNATIVE MATERIAL	

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AS PER LATEST DATE OF ISSUE SHOWN ABOVE

**e2s**  
warning signals

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
TITLE E2XS1F/R Product Label		
SCALE NTS	SHEET 1 of 1	DRAWING NUMBER D209-09-001