

ISSUE	MOD No.	INITIAL/DATE
1		Introduction DAH 23-07-2020
2	ACN0126	UKCA Added, Warnings Added DAH 31-05-2023
3		UL mark updated to reflect Marine attribute. MA 23-12-2024

(REF 60,0 ONLY)

**D1xB2LD2DC024**  
D1x B2 LED Beacon  
Nominal Voltage: 24V dc Voltage Range: 18-30V dc  
Nominal Current: 230mA

ATEX / IECEx  
Ex db IIC T5 Gb Ta -55°C to +80°C  
Ex db IIC T6 Gb Ta -55°C to +70°C  
Ex tb IIIC T95°C Db Ta -55°C to +80°C

NEC / CEC Class / Div  
Class I Div 1 Group ABCD T5 Ta -55°C to +80°C  
Class I Div 1 Group ABCD T6 Ta -55°C to +75°C  
Class II Div 1 Group EFG T5 Ta -55°C to +80°C  
Class III Div 1 Ta -55°C to +80°C

NEC Class / Zone  
Class I Zone 1 AEx db IIC T5 Ta -55°C to +80°C  
Class I Zone 1 AEx db IIC T6 Ta -55°C to +70°C  
Zone 21 AEx tb IIIC T97°C Ta -55°C to +80°C

CEC Class / Zone  
Ex db IIC T5 Ta -55°C to +80°C  
Ex db IIC T6 Ta -55°C to +70°C  
Ex tb IIIC T97°C Ta -55°C to +80°C

Location: Suitable for indoor and outdoor use  
If temperature exceeds 60°C at entry or 60°C at branching point  
use suitably rated cable and cable gland - see instructions  
Visual Signalling Appliance for use in Hazardous Locations

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

D1XB2LD2DC024

**D1xB2LD2AC115**  
D1x B2 LED Beacon  
Nominal Voltage: 115V ac Voltage Range: 110-120V ac  
Nominal Current: 95mA

ATEX / IECEx  
Ex db IIC T5 Gb Ta -55°C to +80°C  
Ex db IIC T6 Gb Ta -55°C to +70°C  
Ex tb IIIC T95°C Db Ta -55°C to +80°C

NEC / CEC Class / Div  
Class I Div 1 Group ABCD T5 Ta -55°C to +80°C  
Class I Div 1 Group ABCD T6 Ta -55°C to +75°C  
Class II Div 1 Group EFG T5 Ta -55°C to +80°C  
Class III Div 1 Ta -55°C to +80°C

NEC Class / Zone  
Class I Zone 1 AEx db IIC T5 Ta -55°C to +80°C  
Class I Zone 1 AEx db IIC T6 Ta -55°C to +70°C  
Zone 21 AEx tb IIIC T97°C Ta -55°C to +80°C

CEC Class / Zone  
Ex db IIC T5 Ta -55°C to +80°C  
Ex db IIC T6 Ta -55°C to +70°C  
Ex tb IIIC T97°C Ta -55°C to +80°C

Location: Suitable for indoor and outdoor use  
If temperature exceeds 60°C at entry or 60°C at branching point  
use suitably rated cable and cable gland - see instructions  
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D1XB2LD2AC115

**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  
DO NOT PAINT  
TO REDUCE THE RISK OF IGNITION OF HAZARDOUS ATMOSPHERE  
FIRST CONDUIT RUN MUST HAVE A SEALING FITTING CONNECTED WITHIN  
18 INCHES OF ENCLOSURE. SUBSEQUENT CONDUIT RUNS MUST HAVE A  
SEALING FITTING CONNECTED AS CLOSE AS PRACTICAL TO THE WALL OF  
THE ENCLOSURE, BUT IN NO CASE MORE THAN THE SIZE OF THE CONDUIT  
OR 50MM, WHICHEVER IS LESSER.  
TO PREVENT IGNITION OF GROUP A, B, C AND D ATMOSPHERES -  
SEE INSTRUCTION FOR CHEMICAL COMPATIBILITY

**AVERTISSEMENT:**  
NE PAS OUVRIR UN PRESENCE D'ATMOSPHERE EXPLOSIVE  
NE PAS OUVRIR ENERGIE  
DANGER POTENTIEL CHARGE ELECTROSTATIQUE - NETTOYER  
UNIQUEMENT AVEC UN CHIFFON HUMIDE  
NE PAS PEINDRE  
POUR REDUIRE LE RISQUE D'INFLAMMATION DES ATMOSPHERES DANGEREUSES  
LE PREMIERE CONDUIT DE CONDUIT DOIVENT AVOIR UN RACCORD DE TANCHEITE  
RACCORDE A L'INTERIEUR DE 18 POUCES DE L'EMBARQUEMENT. POUR LES CONDUITS  
CONDUITES DE CONDUIT LA DISTANCE ENTRE LA SURFACE DE LA MASSE DE  
REMPLISSAGE AU PLUS PRES DE L'ENVELOPPE DOIT ETRE AUSSI PETITE QUE CE  
QUI EST REALISABLE MAIS EN AUCUN CAS SUPERIEUR AU PLUS PETITE DES  
DIMENSIONS CORRESPONDANT A LA TAILLE DU CONDUIT OU A 50MM.  
POUR PREVENIR L'INFLAMMATION DES ATMOSPHERES DES GROUPES A, B, C ET  
D VOIR L'INSTRUCTION POUR LA COMPATIBILITE CHIMIQUE

WARNINGS LABEL - ALL UNITS

**D1xB2LD2AC230**  
D1x B2 LED Beacon  
Nominal Voltage: 230V ac Voltage Range: 220-240V ac  
Nominal Current: 50mA

ATEX / IECEx  
Ex db IIC T5 Gb Ta -55°C to +80°C  
Ex db IIC T6 Gb Ta -55°C to +70°C  
Ex tb IIIC T95°C Db Ta -55°C to +80°C

NEC / CEC Class / Div  
Class I Div 1 Group ABCD T5 Ta -55°C to +80°C  
Class I Div 1 Group ABCD T6 Ta -55°C to +75°C  
Class II Div 1 Group EFG T5 Ta -55°C to +80°C  
Class III Div 1 Ta -55°C to +80°C

NEC Class / Zone  
Class I Zone 1 AEx db IIC T5 Ta -55°C to +80°C  
Class I Zone 1 AEx db IIC T6 Ta -55°C to +70°C  
Zone 21 AEx tb IIIC T97°C Ta -55°C to +80°C

CEC Class / Zone  
Ex db IIC T5 Ta -55°C to +80°C  
Ex db IIC T6 Ta -55°C to +70°C  
Ex tb IIIC T97°C Ta -55°C to +80°C

Location: Suitable for indoor and outdoor use  
If temperature exceeds 60°C at entry or 60°C at branching point  
use suitably rated cable and cable gland - see instructions  
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D1XB2LD2AC230

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 <b>D.HOWGILL</b>	DATE <b>23-07-2020</b>	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. AS PER LATEST DATE OF ISSUE SHOWN ABOVE	 EUROPEAN SAFETY SYSTEMS LTD IMPRESS HOUSE MANSELL ROAD ACTON LONDON W3 7QH WWW.E2S.COM	ALL DIMENSIONS IN MM		A3
	CHECKED <b>R.N.POTTS</b>	DATE <b>23-07-2020</b>	MATERIAL	TITLE <b>D1xB2LD2 BEACON PRODUCT LABEL</b>					
	STANDARDS <b>D1xB2</b>	APPROVED <b>R.N.POTTS</b>	DATE <b>23-07-2020</b>	ALTERNATIVE MATERIAL			SCALE <b>1:1</b>	SHEET <b>1 of 1</b>	DRAWING NUMBER <b>D191-09-401</b>