

ISSUE	MOD No.	INITIAL/DATE
1		INTRODUCTION DH 10-06-22
2		Corrected NEC Zone 22 Dust Group code from IIIC to IIIB. UL mark updated to reflect Marine attribute. MA 23-12-2024

A

A

B

B

C

C

D

D

E

E

F

F

E2xB05DC012
12V DC

PRODUCT LABEL 1

E2xB05DC024
24V DC

E2xB05DC048
48V DC

E2xB05AC115
115V AC

E2xB05AC230
230V AC

E2xB05DC012

PRODUCT LABEL 2

E2xB05DC024

E2xB05DC048

E2xB05AC115

E2xB05AC230

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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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
TITLE
E2XB05 & E2XB10 Product Label
SCALE SHEET DRAWING NUMBER
NTS 1 of 2 D209-09-201

G

G

	1	2	3	4	5	6	7	8	9	10
								ISSUE	MOD No.	INITIAL/DATE
A								1		INTRODUCTION DH 10-06-22
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B										
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D										
E										
F										

PRODUCT LABEL 1

E2xB10DC024
24V DC

Ex II 3G Voltage: 24Vdc
 II 3D Current: 560mA
 ATEX/IECEX/UKEX
 Ex ec IIC T2 Gc Ta -20°C to +55°C
 Ex tc IIIC 105°C Dc Ta -20°C to +40°C
 Ex tc IIIC 120°C Dc Ta -20°C to +55°C
 NEC Class / Zone
 Class I Zone 2 AEx ec IIC T2 Gc Ta -20°C to +55°C
 Zone 22 AEx tc IIIB 105°C Dc Ta -20°C to +40°C
 Zone 22 AEx tc IIIB 120°C Dc Ta -20°C to +55°C
 CEC Class / Zone
 Ex ec IIC T2 Gc Ta -20°C to +55°C
 Ex tc IIIC 105°C Dc Ta -20°C to +40°C
 Ex tc IIIC 120°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. D209-00-201-IS-SC DEMKO 06 ATEX 0421554X
 IP66, Type 4 / 4X / 13 IECEX ULD 14.0012X
 Year / Serial No. 24/1NUB22000021 UL21UKEX2135X
 Impress House, Mansell Rd, London UK, W37QH, www.e2s.com

E2xB10DC048
48V DC

Ex II 3G Voltage: 48Vdc
 II 3D Current: 260mA
 ATEX/IECEX/UKEX
 Ex ec IIC T2 Gc Ta -20°C to +55°C
 Ex tc IIIC 105°C Dc Ta -20°C to +40°C
 Ex tc IIIC 120°C Dc Ta -20°C to +55°C
 NEC Class / Zone
 Class I Zone 2 AEx ec IIC T2 Gc Ta -20°C to +55°C
 Zone 22 AEx tc IIIB 105°C Dc Ta -20°C to +40°C
 Zone 22 AEx tc IIIB 120°C Dc Ta -20°C to +55°C
 CEC Class / Zone
 Ex ec IIC T2 Gc Ta -20°C to +55°C
 Ex tc IIIC 105°C Dc Ta -20°C to +40°C
 Ex tc IIIC 120°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. D209-00-201-IS-SC DEMKO 06 ATEX 0421554X
 IP66, Type 4 / 4X / 13 IECEX ULD 14.0012X
 Year / Serial No. 24/1NUB22000022 UL21UKEX2135X
 Impress House, Mansell Rd, London UK, W37QH, www.e2s.com

E2xB10AC115
115V AC

Ex II 3G Voltage: 115-120Vac
 II 3D Current: 185mA
 ATEX/IECEX/UKEX
 Ex ec IIC T2 Gc Ta -20°C to +55°C
 Ex tc IIIC 105°C Dc Ta -20°C to +40°C
 Ex tc IIIC 120°C Dc Ta -20°C to +55°C
 NEC Class / Zone
 Class I Zone 2 AEx ec IIC T2 Gc Ta -20°C to +55°C
 Zone 22 AEx tc IIIB 105°C Dc Ta -20°C to +40°C
 Zone 22 AEx tc IIIB 120°C Dc Ta -20°C to +55°C
 CEC Class / Zone
 Ex ec IIC T2 Gc Ta -20°C to +55°C
 Ex tc IIIC 105°C Dc Ta -20°C to +40°C
 Ex tc IIIC 120°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. D209-00-201-IS-SC DEMKO 06 ATEX 0421554X
 IP66, Type 4 / 4X / 13 IECEX ULD 14.0012X
 Year / Serial No. 24/1NUB23000023 UL21UKEX2135X
 Impress House, Mansell Rd, London UK, W37QH, www.e2s.com

E2xB10AC230
230V AC

Ex II 3G Voltage: 220-230Vac
 II 3D Current: 107mA
 ATEX/IECEX/UKEX
 Ex ec IIC T2 Gc Ta -20°C to +55°C
 Ex tc IIIC 105°C Dc Ta -20°C to +40°C
 Ex tc IIIC 120°C Dc Ta -20°C to +55°C
 NEC Class / Zone
 Class I Zone 2 AEx ec IIC T2 Gc Ta -20°C to +55°C
 Zone 22 AEx tc IIIB 105°C Dc Ta -20°C to +40°C
 Zone 22 AEx tc IIIB 120°C Dc Ta -20°C to +55°C
 CEC Class / Zone
 Ex ec IIC T2 Gc Ta -20°C to +55°C
 Ex tc IIIC 105°C Dc Ta -20°C to +40°C
 Ex tc IIIC 120°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. D209-00-201-IS-SC DEMKO 06 ATEX 0421554X
 IP66, Type 4 / 4X / 13 IECEX ULD 14.0012X
 Year / Serial No. 24/1NUB23000024 UL21UKEX2135X
 Impress House, Mansell Rd, London UK, W37QH, www.e2s.com

PRODUCT LABEL 2

E2xB10DC024

NEC / CEC Class / Div
 Class I, Div 2, ABCD T2A Ta -20°C to +55°C
 Class II, Div 2, FG T4A Ta -20°C to +55°C
 Class II, Div 2, FG T5 Ta -20°C to +40°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 ÉLECTROSTATIQUE - NETTOYER
 UNIQUEMENT AVEC UN CHIFFON HUMIDE
 HAUT TENSION, RISK DE CHOC. ATTENDEZ 5 MINUTES APRES
 AVOIR DEBRANCHE L'ALIMENTATION AVANT D'OUVRIR LA BOITIER

E2xB10DC048

NEC / CEC Class / Div
 Class I, Div 2, ABCD T2A Ta -20°C to +55°C
 Class II, Div 2, FG T4A Ta -20°C to +55°C
 Class II, Div 2, FG T5 Ta -20°C to +40°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 ÉLECTROSTATIQUE - NETTOYER
 UNIQUEMENT AVEC UN CHIFFON HUMIDE
 HAUT TENSION, RISK DE CHOC. ATTENDEZ 5 MINUTES APRES
 AVOIR DEBRANCHE L'ALIMENTATION AVANT D'OUVRIR LA BOITIER

E2xB10AC115

NEC / CEC Class / Div
 Class I, Div 2, ABCD T2A Ta -20°C to +55°C
 Class II, Div 2, FG T4A Ta -20°C to +55°C
 Class II, Div 2, FG T5 Ta -20°C to +40°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 ÉLECTROSTATIQUE - NETTOYER
 UNIQUEMENT AVEC UN CHIFFON HUMIDE
 HAUT TENSION, RISK DE CHOC. ATTENDEZ 5 MINUTES APRES
 AVOIR DEBRANCHE L'ALIMENTATION AVANT D'OUVRIR LA BOITIER

E2xB10AC230

NEC / CEC Class / Div
 Class I, Div 2, ABCD T2A Ta -20°C to +55°C
 Class II, Div 2, FG T4A Ta -20°C to +55°C
 Class II, Div 2, FG T5 Ta -20°C to +40°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 ÉLECTROSTATIQUE - NETTOYER
 UNIQUEMENT AVEC UN CHIFFON HUMIDE
 HAUT TENSION, RISK DE CHOC. ATTENDEZ 5 MINUTES APRES
 AVOIR DEBRANCHE L'ALIMENTATION AVANT D'OUVRIR LA BOITIER

DRAWING TO BS8888:2000 GEOMETRIC TOLERANCES TO ISO1101:1983 LINEAR DIMENSIONAL TOLS +/-0.35mm ANGULAR DIMENSIONAL TOLS +/-2 deg STANDARDS E2X	DRAWN D.HOWGILL	DATE 10-06-22	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. 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 R.N.POTTS	DATE 10-06-22	MATERIAL SEE NOTE	TITLE E2XB05 & E2XB10 Product Label				
	APPROVED R.N.POTTS	DATE 10-06-22	ALTERNATIVE MATERIAL	SCALE NTS			SHEET 2 of 2	DRAWING NUMBER D209-09-201