

(REF 60,0 ONLY)

**D1xB2X05DC012**  
D1x B2 Xenon Beacon  
Nominal Voltage: 12V dc Voltage Range: 12-14V dc  
Nominal Current: 585mA

ATEX / IECEx  
Ex db IIC T4 Gb Ta -55°C to +80°C  
II 2G Ex db IIC T5 Gb Ta -55°C to +75°C  
II 2D Ex db IIC T6 Gb Ta -55°C to +60°C  
Ex tb IIIC T99°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 +65°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 T4 Ta -55°C to +80°C  
Class I Zone 1 AEx db IIC T5 Ta -55°C to +75°C  
Class I Zone 1 AEx db IIC T6 Ta -55°C to +60°C  
Zone 21 AEx tb IIIC T99°C Ta -55°C to +80°C

CEC Class / Zone  
Ex db IIC T4 Ta -55°C to +80°C  
Ex db IIC T5 Ta -55°C to +75°C  
Ex db IIC T6 Ta -55°C to +60°C  
Ex tb IIIC T99°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

D1XB2X05DC012

**D1xB2X05AC115**  
D1x B2 Xenon Beacon  
Nominal Voltage: 115V ac Voltage Range: 110-120V ac  
Nominal Current: 140mA

ATEX / IECEx  
Ex db IIC T4 Gb Ta -55°C to +70°C  
II 2G Ex db IIC T5 Gb Ta -55°C to +50°C  
II 2D Ex tb IIIC T153°C Db Ta -55°C to +70°C

NEC / CEC Class / Div  
Class I Div 1 Group ABCD T4A Ta -55°C to +70°C  
Class I Div 1 Group ABCD T5 Ta -55°C to +55°C  
Class I Div 1 Group ABCD T6 Ta -55°C to +40°C  
Class II Div 1 Group EFG T4 Ta -55°C to +40°C  
Class III Div 1 Ta -55°C to +40°C

NEC Class / Zone  
Class I Zone 1 AEx db IIC T4 Ta -55°C to +70°C  
Class I Zone 1 AEx db IIC T5 Ta -55°C to +50°C  
Zone 21 AEx tb IIIC T153°C Ta -55°C to +70°C

CEC Class / Zone  
Ex db IIC T4 Ta -55°C to +70°C  
Ex db IIC T5 Ta -55°C to +50°C  
Ex tb IIIC T153°C Ta -55°C to +70°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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D1XB2X05AC115

**D1xB2X05DC024**  
D1x B2 Xenon Beacon  
Nominal Voltage: 24V dc Voltage Range: 20-28V dc  
Nominal Current: 295mA  
Resistor Value: XX

ATEX / IECEx  
Ex db IIC T4 Gb Ta -55°C to +80°C  
II 2G Ex db IIC T5 Gb Ta -55°C to +75°C  
II 2D Ex db IIC T6 Gb Ta -55°C to +60°C  
Ex tb IIIC T99°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 +65°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 T4 Ta -55°C to +80°C  
Class I Zone 1 AEx db IIC T5 Ta -55°C to +75°C  
Class I Zone 1 AEx db IIC T6 Ta -55°C to +60°C  
Zone 21 AEx tb IIIC T99°C Ta -55°C to +80°C

CEC Class / Zone  
Ex db IIC T4 Ta -55°C to +80°C  
Ex db IIC T5 Ta -55°C to +75°C  
Ex db IIC T6 Ta -55°C to +60°C  
Ex tb IIIC T99°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 Fire Alarm Systems - Private Mode

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D1XB2X05DC024

**D1xB2X05AC230**  
D1x B2 Xenon Beacon  
Nominal Voltage: 230V ac Voltage Range: 220-240V ac  
Nominal Current: 70mA

ATEX / IECEx  
Ex db IIC T4 Gb Ta -55°C to +70°C  
II 2G Ex db IIC T5 Gb Ta -55°C to +50°C  
II 2D Ex tb IIIC T153°C Db Ta -55°C to +70°C

NEC / CEC Class / Div  
Class I Div 1 Group ABCD T4A Ta -55°C to +70°C  
Class I Div 1 Group ABCD T5 Ta -55°C to +55°C  
Class I Div 1 Group ABCD T6 Ta -55°C to +40°C  
Class II Div 1 Group EFG T4 Ta -55°C to +40°C  
Class III Div 1 Ta -55°C to +40°C

NEC Class / Zone  
Class I Zone 1 AEx db IIC T4 Ta -55°C to +70°C  
Class I Zone 1 AEx db IIC T5 Ta -55°C to +50°C  
Zone 21 AEx tb IIIC T153°C Ta -55°C to +70°C

CEC Class / Zone  
Ex db IIC T4 Ta -55°C to +70°C  
Ex db IIC T5 Ta -55°C to +50°C  
Ex tb IIIC T153°C Ta -55°C to +70°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

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D1XB2X05AC230

**D1xB2X05DC048**  
D1x B2 Xenon Beacon  
Nominal Voltage: 48V dc Voltage Range: 42-54V dc  
Nominal Current: 145mA

ATEX / IECEx  
Ex db IIC T4 Gb Ta -55°C to +80°C  
II 2G Ex db IIC T5 Gb Ta -55°C to +75°C  
II 2D Ex db IIC T6 Gb Ta -55°C to +60°C  
Ex tb IIIC T99°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 +65°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 T4 Ta -55°C to +80°C  
Class I Zone 1 AEx db IIC T5 Ta -55°C to +75°C  
Class I Zone 1 AEx db IIC T6 Ta -55°C to +60°C  
Zone 21 AEx tb IIIC T99°C Ta -55°C to +80°C

CEC Class / Zone  
Ex db IIC T4 Ta -55°C to +80°C  
Ex db IIC T5 Ta -55°C to +75°C  
Ex db IIC T6 Ta -55°C to +60°C  
Ex tb IIIC T99°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

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D1XB2X05DC048

ISSUE	MOD No.	INITIAL/DATE
1		Introduction DAH 07-04-2020

RELATED DRAWING

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

STANDARDS  
D1xB2

DRAWN	DATE
D.HOWGILL	07-04-2020
CHECKED	DATE
R.N.POTTS	07-04-2020
APPROVED	DATE
R.N.POTTS	07-04-2020

SURFACE FINISH	WEIGHT (Kg)
MATERIAL	
ALTERNATIVE MATERIAL	

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TITLE				
SCALE	SHEET	DRAWING NUMBER		
1:1	1 of 1	D191-09-205		