

JUNCTION BOXES

PRISM®



B7EP



B7EQ

B7E

Empty / Control Enclosure

NEC / CEC Certifications

Class I, Div. 1 & 2, Groups B, C, & D

Class I Zone 1 IIB+H2 Gb

Class II, Div. 1 & 2, Groups E, F, & G

Class III

Type 3, 4, 4X

Ta = -25°C to +40°C

Ta = -50°C to +40°C



File E83969

Certificate LR11716

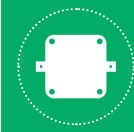
FEATURES-SPECIFICATIONS

Features

- Compact size enclosures for application flexibility
- Type 4, 4X rated – providing protection from hose directed water and corrosion
- Fewer cover bolts reduce installation and maintenance time
- Removable ductile mounting lugs adjust to irregular mounting surfaces
- See Controls section for “G Series” control operators and accessories
- Use ‘long style’ operators

Materials

- Enclosures: Copper-free aluminum (less than 1/10 of 1% copper content)
- Cover Bolts: 316 stainless steel
- O-ring Gasket: Silicone
- Finish: Grey Powder Polyester painted exterior, electrostatically applied.



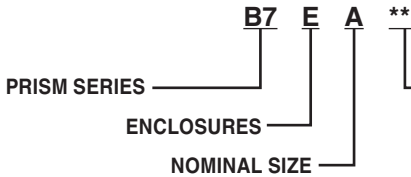
ENCLOSURES

B7EP, B7EQ SERIES

JUNCTION BOXES

MODIFICATIONS	
SUFFIX NUMBER	DESCRIPTION
KIT-251	100 amp ground lug
SU-2	HINGE-12L INSTALLED
SU3B4X	Drain and Breather installed (Class 1, Div. 1 & 2, Group B, C, and D, Type 4x)
SU9	Special paint finish
SU14	Fungus proofing of enclosure

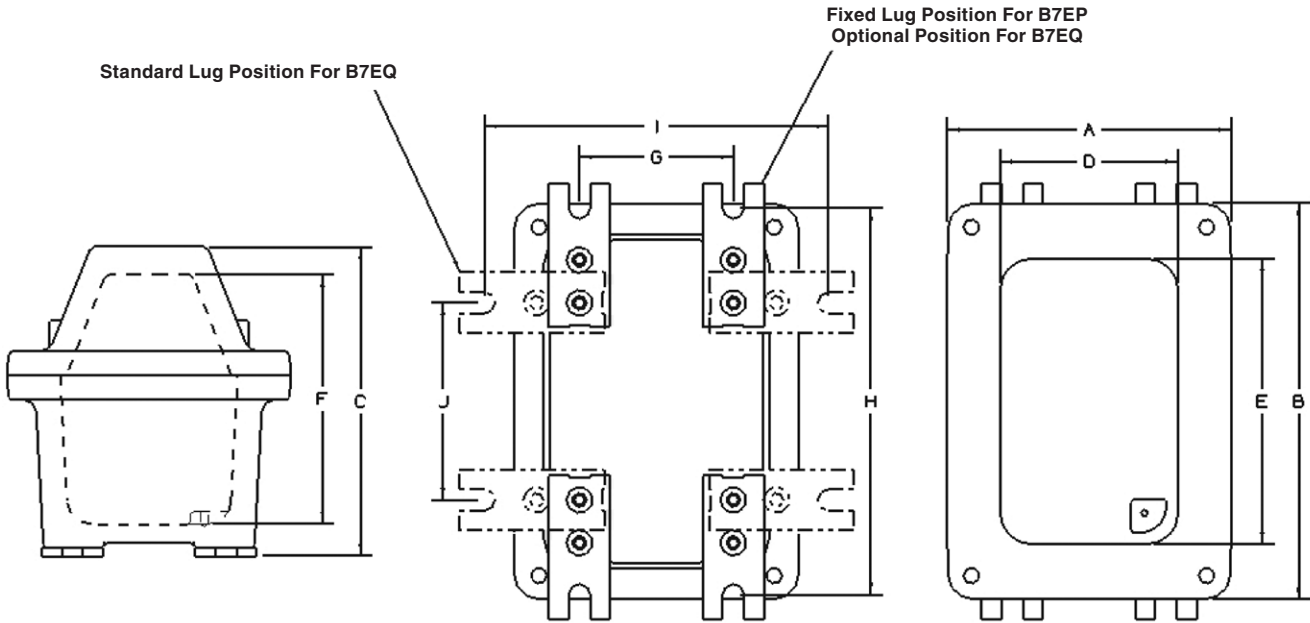
CATALOG LOGIC



SUFFIXES

- SU3B-4X – Type 4X drain and breather installed Groups BCD
- SU3B-ATEX – ATEX IEC Ex drain & breather installed Groups B & Ex d+IIB
- SU2 – Install hinges
- SU9 – Special paint
- SU93 – Do not paint

Additional suffixes are available



DIMENSIONS

CATALOG NUMBER	EXTERNAL DIMENSIONS			INTERNAL DIMENSIONS			MOUNTING DIMENSIONS				MAX. NO. OPERATORS	OPERATOR SPACING	MAX. SIZE CONDUIT
	A	B	C	D	E	F	G	H	I	J			
B7EP	5.75 (146)	8.06 (205)	6.31 (160)	3.63 (92)	5.81 (148)	5.06 (128)	3.13 (80)	8.13 (206)	N/A	N/A	2	2.5 (64)	1"
B7EQ	8.13 (207)	13.06 (332)	7.81 (198)	4.25 (108)	9.18 (233)	6.93 (176)	2.5 (64)	11.38 (289)	6.38 (162)	7.5 (190)	4	2 (51)	1-1/2"

All dimension in. (mm)