



B7EP



B7EQ

Class I, Div. 1 & 2, Groups B,C,D
Class I, Zones 1 & 2, Groups IIB+ H2, IIA
Class II, Div. 1 & 2, Groups E,F,G^①
Class III
NEMA 3, 4, 4X, 7(B,C,D) 9(E,F,G)



FEATURES-SPECIFICATIONS



Applications

The PRISM® B7 Series of enclosures are used in:

- Locations made hazardous due to the presence of flammable gasses or vapors combustible dust, fibers and flyings, and areas which are subject to corrosion, weather and dampness
- Petroleum Refineries, Chemical and Petrochemical plants with indoor and outdoor processes

Provided as blank enclosures or with factory modifications such as openings for “G Series” operators, conduit entries (NPT and metric), drains and breathers and terminal blocks.

Features

- Compact size enclosures for application flexibility
- NEMA 4, 4X rated - providing protection from hose directed water & corrosion
- Fewer cover bolts reduce installation and maintenance time
- Removable ductile mounting lugs adjust to irregular mounting surfaces
- See pages C40 - C49 for “G Series” control operators and accessories
- Use ‘long style’ operators

Standard Materials /Finish

- Enclosures: Copper-free aluminum (less than 4/10 of 1% copper content)
- Cover Bolts: 316 Stainless Steel
- O-ring Gasket: Silicone
- Finish: Grey Powder Polyester painted exterior, electrostatically applied.

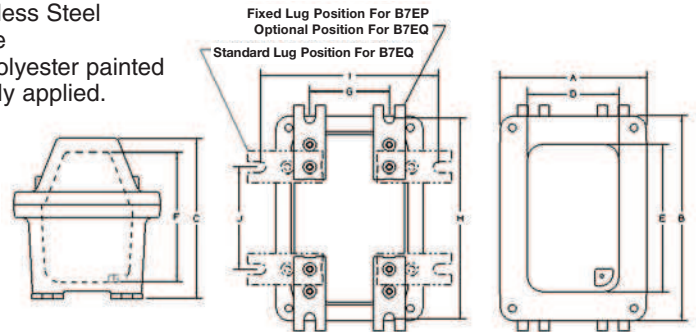
MODIFICATIONS	
SUFFIX NUMBER	DESCRIPTION
KIT-251	100 amp ground lug
SU-2	Hinge-9 Installed
SU3*	Drain & Breather installed (NEMA 7CD)
SU3B*	Drain & Breather installed (NEMA 7BCD)
SU9	Special paint finish
SU14	Fungus proofing of enclosure

**NOTE: The installation of a Drain & Breather will void the NEMA 4-4X ratings of enclosure.*

CATALOG NUMBER ENCLOSURE ONLY	MAX. # OPERATORS	CENTER TO CENTER SPACING	MAX. CONDUIT SIZE
B7EP	2	2-1/2	1"
B7EQ	4	2-1/2	1-1/2"

DIMENSIONS

CATALOG NUMBER	OUTSIDE BOX DIMENSIONS			NOMINAL INSIDE BOX			MOUNTING DIMENSIONS			
	A	B	C	D	E	F	G	H	I	J
B7EP	5-3/4	8-1/16	6-5/16	3-5/8	5-13/16	5-1/16	3-1/8	8-1/8	-	-
B7EQ	8-1/8	13-1/16	7-13/16	4-1/4	9-3/16	6-5/16	2-1/2	11-3/8	6-3/8	7-1/2



E