

### Applications

- Hazardous locations due to the presence of flammable gases or vapors, combustible dusts or easily ignitable fibers or flyings
- Installations at petroleum refineries, chemical and petrochemical plants, storage areas and other processing facilities where hazardous substances are handled or stored
- Use as a junction or pull box or to enclose control stations, meters, relays, starters, terminals or other equipment or devices

### Features

- Extended cover designed to allow ease of installation and maintenance of enclosed equipment
- Mounting lugs cast as standard
- Copper-free cast aluminum alloy (less than 4/10 of 1%)
- Cover bolts or plated steel
- Hinges are available and can be mounted on either right or left side of box (hinges are mounted on left side unless specified otherwise)
- Mounting pans are 1/8" thick sheet aluminum



**Class I, Div. 1 & 2, Groups C,D\***  
**Class I, Zones 1 & 2, Groups IIB, IIA**  
**Class II, Div. 1 & 2, Groups E,F,G**  
**Class III**  
**NEMA 7(C,D\*) 9(E,F,G)**



Listed - File E10514



Certified - File LR11716



Contact Killark for current approvals.  
 See files for details or call Killark.

### FEATURES-SPECIFICATIONS

- Enclosures are available blank or with factory modifications, options and accessories. See catalog pages E18-E23 for additional details

tapped openings can be provided on any four sides or back (size limitation of conduit opening shown with dimensional information). For custom drilled openings, refer to page E34.

### Conduit Openings

All boxes are cast with wall thickness suitable for drilling and tapping of conduit openings which may be factory or field installed. Drilled and

XJB JUNCTION BOX ORDERING INFORMATION AND DIMENSIONS														
CATALOG NUMBER	NOMINAL INSIDE BOX SIZE			MAXIMUM CONDUIT SIZE	MOUNTING DIMENSIONS			OUTSIDE BOX DIMENSIONS				CATALOG NUMBER		NUMBER OF OPERATORS†
	W	L	D		A	B	C	D	E	G	H	OPTIONAL HINGE TYPE®	OPTIONAL MOUNTING PAN®	
XJB-5106Ⓢ	5"	10"	6"	1-1/2"	5-3/4"	7-3/32"	3/8"	13-1/4"	8-1/4"	4"	8"	HINGE-9	7998-4	4 rows of 2 = 8
XJB-5136	5"	13"	6"	2"	8-1/4"	7-1/4"	3/8"	15-3/4"	8-1/4"	4"	8"	HINGE-9	7998-5	5 rows of 2 = 10
XJB-8104Ⓢ	8"	10"	4"	1"	6"	10-9/16"	1/2"	13"	11"	3"	6"	HINGE-9	7996-2	3 rows of 3 = 9

Additional sizes continued on next page.

MODIFICATIONS	
SUFFIX NUMBER	DESCRIPTION
SU1	Stainless steel cover bolts
SU2	Hinge installed
SU3	Drain and breather installed
KIT-251	100 AMP ground lug
KIT-252	225 AMP ground lug

Ⓢ Conduits must be sealed within 18" in Group C locations.

® Hinges or mounting pans not included as standard.

For ordering information see pages E18 and E19.

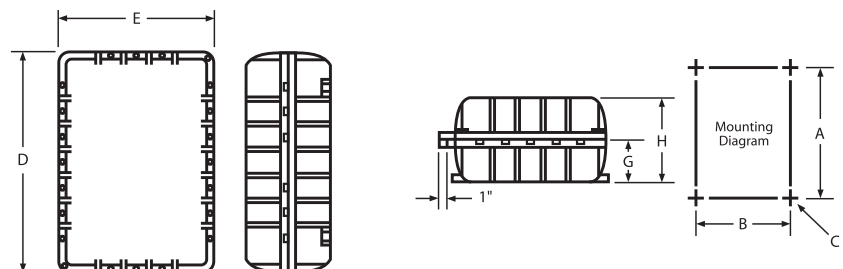
\* NOTE: Some XJB series enclosures suitable for Group D only - contact factory.

† Maximum number of "G" series control operators permitted in cover, down + across = total.

Use long style "G" series operators.

Enclosures are available blank or with factory modifications, options and accessories. See catalog pages E18-E23 for additional details.

### Dimensions





**Class I, Div. 1 & 2, Groups C,D\*  
Class I, Zones 1 & 2, Groups IIB, IIA  
Class II, Div. 1 & 2, Groups E,F,G  
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CATALOG NUMBER	NOMINAL INSIDE BOX SIZE			MAXIMUM CONDUIT SIZE	MOUNTING DIMENSIONS			OUTSIDE BOX DIMENSIONS				CATALOG NUMBER		MAXIMUM NUMBER OF OPERATORS†
	W	L	D		A	B	C	D	E	G	H	OPTIONAL HINGE TYPE②	OPTIONAL MOUNTING PAN②	
XJB-8106①	8"	10"	6"	1-1/2"	6"	10-9/16"	3/8"	13"	11"	4"	8"	HINGE-9	7996-2	3 rows of 3 = 9
XJB-8136①	8"	13"	6"	2"	8-1/2"	10-9/16"	3/8"	16"	11"	4"	8"	HINGE-11L	7996-4	4 rows of 3 = 12
XJB-8156①	8"	15"	6"	2"	11-1/2"	10-9/16"	3/8"	18-1/2"	11"	4"	8"	HINGE-11L	7996-5	5 rows of 3 = 15
XJB-8158①	8"	15"	8"	4"	11-1/2"	10-9/16"	3/8"	18-1/2"	11"	6-1/8"	10-1/4"	HINGE-11L	7996-5	5 rows of 3 = 15
XJB-8186	8"	18"	6"	2"	13-1/2"	10-9/16"	3/8"	21"	11"	4"	8"	HINGE-11L	7996-6	6 rows of 3 = 18
XJB-8188	8"	18"	8"	4"	13-1/2"	10-9/16"	3/8"	21"	11"	6-1/8"	10-1/8"	HINGE-11L	7996-6	6 rows of 3 = 18
XJB-12196①	12"	19"	6"	1-1/2"	14-1/2"	14-1/8"	1/2"	22"	15"	4"	8"	HINGE-11L	7988-3	7 rows of 4 = 28
XJB-12198①	12"	19"	8"	3-1/2"	14-1/2"	14-1/8"	1/2"	22"	15"	6-1/8"	10-1/8"	HINGE-11L	7988-3	7 rows of 4 = 28
XJB-121910①	12"	19"	10"	3-1/2"	14-1/2"	14-1/8"	1/2"	22"	15"	6-1/8"	12-1/4"	HINGE-11L	7988-3	7 rows of 4 = 28
XJB-12248①	12"	24"	8"	3"	19-1/2"	14-5/8"	1/2"	27"	15"	6-1/8"	10-1/8"	HINGE-11L	7988-4	9 rows of 4 = 36
XJB-164812②	16"	48"	12"	4"	43-9/16"	18-1/8"	5/8"	51-1/2"	19-1/2"	7-1/4"	14-1/2"	HINGE-10L	7995-5	18 rows of 6 = 108
XJB-20328①	20"	32"	8"	3-1/2"	27-1/2"	21-7/8"	5/8"	35"	23"	6-1/8"	16-1/4"	HINGE-10L	7999-2	12 rows of 7 = 84
XJB-203210①	20"	32"	10"	3-1/2"	27-1/2"	21-7/8"	5/8"	35"	23"	6-1/8"	12-1/4"	HINGE-10L	7999-2	12 rows of 7 = 84
XJB-204010①	20"	40"	10"	3-1/2"	36"	22-3/4"	5/8"	43-1/2"	23-1/2"	6-1/4"	12-1/2"	HINGE-10L	7999-3	15 rows of 7 = 105
XJB-24248①	24"	24"	8"	2"	19-1/2"	26-7/16"	5/8"	27-1/2"	27-1/2"	6-1/4"	10-3/8"	HINGE-10L	8000-1	9 rows of 9 = 81
XJB-242410①	24"	24"	10"	4"	19-1/2"	26-7/16"	5/8"	27-1/2"	27-1/2"	6-1/4"	12-1/2"	HINGE-10L	8000-1	9 rows of 9 = 81
XJB-242411①	24"	24"	11"	4"	19-1/2"	26-7/16"	5/8"	27-1/2"	27-1/2"	9-1/4"	13-3/8"	HINGE-10L	8000-1	9 rows of 9 = 81
XJB-242416①	24"	24"	16"	4"	19-1/2"	26-7/16"	5/8"	27-1/2"	27-1/2"	9-1/4"	18-1/2"	HINGE-10L	8000-1	9 rows of 9 = 81

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② Hinges or mounting pans not included as standard.

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**Dimensions**

