



# vynckier

## ENCLOSURE SYSTEMS INC.



## Multibox Series • Multi Purpose Boxes

For Electrical, Electronic and Industrial Applications

### \*\* Suffix

**PC:** Polycarbonate opaque cover enclosures with four non-metallic corner screws

**PCCT:** Polycarbonate transparent cover enclosures with four non-metallic corner screws

**PCK:** Polycarbonate opaque cover enclosures with four non-metallic corner screws and metric knockouts

**PCCTK:** Polycarbonate enclosures with four non-metallic corner screws and metric knockouts

**PS:** Polystyrene opaque cover enclosures with four non-metallic corner screws

**PSCT:** Polystyrene transparent cover enclosures with four non-metallic corner screws

**PSK:** Polystyrene opaque cover enclosures with four non-metallic corner screws and metric knockouts

**PSCTK:** Polystyrene enclosures with four non-metallic corner screws and metric knockouts

### Features

- Enclosures are maintenance free and corrosion resistant.
- PC bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°C).
- PCCT bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°C).
- PS bases and covers are made from polystyrene that can withstand continuous temperatures from -13°F to +104°F (-25°C to +40°C).
- PSCT bases are made from polystyrene and covers are made from polycarbonate that can withstand continuous temperatures from -13°F to 104°F (-25°C to 40°C).
- Cover screw holes in corners are outside of the gasketed area.
- Continuous gaskets made of polyurethane foam guarantee optimal integrity.
- All enclosures can be easily modified to customer specifications.

### Applications

The Multibox series enclosures are designed for use as electrical junction boxes or instrumentation enclosures in highly corrosive environments.

### Standards

IEC 60529 (IP66)

IEC 50102 (IK08) Polycarbonate

IEC 50102 (IK07) Polystyrene

EN 60529 (IP66)

EN 50102 (IK08) Polycarbonate

EN 50102 (IK07) Polystyrene

### Approvals

UL Listed Types 4X & 12 (Polycarbonate)

NEMA 4X & 12 (Polystyrene)



271 McCarty, Houston, TX 77029

(713) 374-7850

[www.vynckier.com](http://www.vynckier.com)

Multibox Series Data Sheet

Rev 01/12/16





# Multibox Series Data Sheet

Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate
** Suffix (ex. MB252502PCCTK)	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic
MB252502PC** MB252502PS**	2.55 x 2.55 x 2.25 (65 x 65 x 57)	2.32 x 2.32 x 1.77 (59 x 59 x 45)	.11 (.05)	MBBP2525A, MBBP2525S, MBBP2525N
MB252503PC** MB252503PS**	2.55 x 2.55 x 3.18 (65 x 65 x 81)	2.32 x 2.32 x 2.72 (59 x 59 x 69)	.16 (.07)	MBBP2525A, MBBP2525S, MBBP2525N
MB042502PC** MB042502PS**	3.70 x 2.55 x 2.25 (94 x 65 x 57)	2.32 x 2.32 x 1.77 (88 x 59 x 45)	.16 (.07)	MBBP0425A, MBBP0425S, MBBP0425S
MB042503PC** MB042503PS**	3.70 x 2.55 x 3.18 (94 x 65 x 81)	3.46 x 2.32 x 2.72 (88 x 59 x 69)	.21 (.10)	MBBP0425A, MBBP0425S, MBBP0425N
MB040402PC** MB040402PS**	3.70 x 3.70 x 2.24 (94 x 94 x 57)	3.46 x 3.46 x 1.77 (88 x 88 x 45)	.23 (.10)	MBBP44A, MBBP44S, MBBP44N
MB040403PC** MB040403PS**	3.70 x 3.70 x 3.18 (94 x 94 x 81)	3.46 x 3.46 x 2.72 (88 x 88 x 69)	.28 (.13)	MBBP44A, MBBP44S, MBBP44N
MB040425PC** MB040425PS**	4.33 x 4.33 x 2.60 (110 x 110 x 66)	4.09 x 4.09 x 2.13 (104 x 104 x 54)	.32 (.15)	MBBP0404A, MBBP0404S, MBBP0404N
MB040435PC** MB040435PS**	4.33 x 4.33 x 3.54 (110 x 110 x 90)	4.09 x 4.09 x 3.07 (104 x 104 x 78)	.37 (.17)	MBBP0404A, MBBP0404S, MBBP0404N
MB050402PC** MB050402PS**	5.11 x 3.70 x 2.24 (130 x 94 x 57)	4.88 x 3.46 x 1.77 (124 x 88 x 45)	.32 (.15)	MBBP0504A, MBBP0504S, MBBP0504N
MB050403PC** MB050403PS**	5.11 x 3.70 x 3.19 (130 x 94 x 81)	4.88 x 3.46 x 2.72 (124 x 88 x 69)	.37 (.17)	MBBP0504A, MBBP0504S, MBBP0504N
MB050503PC** MB050503PS**	5.11 x 5.11 x 2.95 (130 x 130 x 75)	4.88 x 4.88 x 2.48 (124 x 124 x 63)	.44 (.20)	MBBP0505A, MBBP0505S, MBBP0505N
MB050504PC** MB050504PS**	5.11 x 5.11 x 3.90 (130 x 130 x 99)	4.88 x 4.88 x 3.43 (124 x 124 x 87)	.49 (.22)	MBBP0505A, MBBP0505S, MBBP0505N
MB070402PC** MB070402PS**	7.08 x 3.70 x 2.24 (180 x 94 x 57)	6.85 x 3.46 x 1.77 (174 x 88 x 45)	.45 (.20)	MBBP74A, MBBP74S, MBBP74S
MB070403PC** MB070403PS**	7.08 x 3.70 x 3.19 (180 x 94 x 81)	6.85 x 3.46 x 2.72 (174 x 88 x 69)	.50 (.23)	MBBP74A, MBBP74S, MBBP74N
MB070435PC** MB070435PS**	7.08 x 4.33 x 3.54 (180 x 110 x 90)	6.81 x 4.06 x 2.95 (173 x 103 x 75)	.52 (.24)	MBBP0704A, MBBP0704S, MBBP0704N
MB070404PC** MB070404PS**	7.08 x 4.33 x 4.37 (180 x 110 x 111)	6.81 x 4.06 x 3.82 (173 x 103 x 97)	.57 (.27)	MBBP0704A, MBBP0704S, MBBP0704N
MB070465PC** MB070465PS**	7.08 x 4.33 x 6.50 (180 x 110 x 165)	6.81 x 4.06 x 5.91 (173 x 103 x 150)	.67 (.30)	MBBP0704A, MBBP0704S, MBBP0704N
MB070735PC** MB070735PS**	7.08 x 7.17 x 3.54 (180 x 182 x 90)	6.85 x 6.93 x 2.95 (174 x 176 x 75)	.86 (.39)	MBBP0707A, MBBP0707S, MBBP0707N
MB070704PC** MB070704PS**	7.08 x 7.17 x 4.37 (180 x 182 x 111)	6.85 x 6.93 x 3.82 (174 x 176 x 97)	.91 (.41)	MBBP0707A, MBBP0707S, MBBP0707N
MB070765PC** MB070765PS**	7.08 x 7.17 x 6.46 (180 x 182 x 164)	6.85 x 6.93 x 5.94 (174 x 176 x 151)	1.01 (.46)	MBBP0707A, MBBP0707S, MBBP0707N
MB100735PC** MB100735PS**	10.00 x 7.09 x 3.54 (254 x 180 x 90)	9.76 x 6.85 x 2.95 (248 x 174 x 75)	1.21 (.55)	MBBP1007A, MBBP1007S, MBBP1007N
MB100704PC** MB100704PS**	10.00 x 7.09 x 4.37 (254 x 180 x 111)	9.76 x 6.85 x 3.82 (248 x 174 x 97)	1.26 (.57)	MBBP1007A, MBBP1007S, MBBP1007N
MB100765PC** MB100765PS**	10.00 x 7.09 x 6.50 (254 x 180 x 165)	9.76 x 6.85 x 5.94 (248 x 174 x 151)	1.36 (.62)	MBBP1007A, MBBP1007S, MBBP1007N
MB141004PC** MB141004PS**	14.21 x 10.00 x 4.37 (361 x 254 x 111)	13.98 x 9.76 x 3.82 (355 x 248 x 97)	2.42 (1.10)	MBBP1410A, MBBP1410S, MBBP1410N
MB141065PC** MB141065PS**	14.21 x 10.00 x 6.46 (361 x 254 x 164)	13.98 x 9.76 x 5.91 (355 x 248 x 150)	2.52 (1.14)	MBBP1410A, MBBP1410S, MBBP1410A

Rev 01/12/16

