

# Multibox Series

## configuration options and specifications

### \*\* 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 transparent cover 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

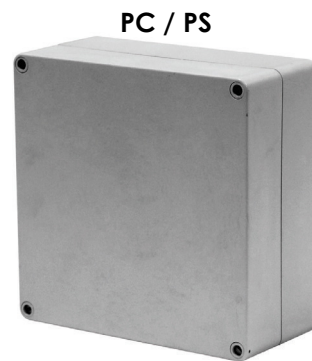
The Multibox series enclosures are designed for use as electrical junction boxes or instrumentation enclosures in highly corrosive environments.

### Standards

IEC 60529 (IP66)	EN 60529 (IP66)
IEC 50102 (IK08) Polycarbonate	EN 50102 (IK08) Polycarbonate
IEC 50102 (IK07) Polystyrene	EN 50102 (IK07) Polystyrene

### Approvals

UL Listed Types 4X & 12 (Polycarbonate)  
 NEMA 4X & 12 (Polystyrene)



Opaque Cover Enclosures (MB)	118
Opaque Cover Enclosures with Metric Knockouts (MB K)	122
Transparent Cover Enclosures (MB CT)	126
Transparent Cover Enclosures with Metric Knockouts (MB CTK)	130
Back Plates	134
Accessories	135



**Configurations**

**PC:** Polycarbonate enclosures with four non-metallic corner screws  
**PS:** Polystyrene enclosures with four non-metallic corner screws

**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).
- "PS" bases and covers are made from polystyrene 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)      EN 60529 (IP66)  
 IEC 50102 (IK08) Polycarbonate      EN 50102 (IK08) Polycarbonate  
 IEC 50102 (IK07) Polystyrene      EN 50102 (IK07) Polystyrene

**Approvals**

UL Listed Types 4X & 12 (Polycarbonate)  
 NEMA 4X & 12 (Polystyrene)



Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material
	H x W x D Inches (mm)	H x W x D Inches (mm)		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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene

Opaque cover sizes continued on next page ...

**Configurations**

**PC:** Polycarbonate enclosures with four non-metallic corner screws  
**PS:** Polystyrene enclosures with four non-metallic corner screws

**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).
- "PS" bases and covers are made from polystyrene 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)	EN 60529 (IP66)
IEC 50102 (IK08) Polycarbonate	EN 50102 (IK08) Polycarbonate
IEC 50102 (IK07) Polystyrene	EN 50102 (IK07) Polystyrene

**Approvals**

UL Listed Types 4X & 12 (Polycarbonate)  
 NEMA 4X & 12 (Polystyrene)



Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic	
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene
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	Polycarbonate Polystyrene

**Configurations**

**PCK:** Polycarbonate enclosures with four non-metallic corner screws and metric knockouts  
**PSK:** 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).
- "PS" bases and covers are made from polystyrene 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)	EN 60529 (IP66)
IEC 50102 (IK08) Polycarbonate	EN 50102 (IK08) Polycarbonate
IEC 50102 (IK07) Polystyrene	EN 50102 (IK07) Polystyrene

**Approvals**

UL Listed Types 4X & 12 (Polycarbonate)  
 NEMA 4X & 12 (Polystyrene)



Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material	Knockouts (Quantity) Size
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic		
MB252502PCK MB252502PSK	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 MBBP2525S	Polycarbonate Polystyrene	(4) M16/20
MB252503PCK MB252503PSK	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	Polycarbonate Polystyrene	(4) M16/20
MB042502PCK MB042502PSK	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	Polycarbonate Polystyrene	(6) M16/20
MB042503PCK MB042503PSK	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	Polycarbonate Polystyrene	(6) M16/20
MB040402PCK MB040402PSK	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	Polycarbonate Polystyrene	(6) M16/20
MB040403PCK MB040403PSK	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	Polycarbonate Polystyrene	(8) M16/20
MB040425PCK MB040425PSK	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	Polycarbonate Polystyrene	(6) M20/25
MB040435PCK MB040435PSK	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	Polycarbonate Polystyrene	(6) M20/25
MB050402PCK MB050402PSK	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	Polycarbonate Polystyrene	(10) M16/20
MB050403PCK MB050403PSK	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	Polycarbonate Polystyrene	(10) M16/20
MB050503PCK MB050503PSK	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	Polycarbonate Polystyrene	(12) M20/25/32
MB050504PCK MB050504PSK	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	Polycarbonate Polystyrene	(12) M20/25/32

Opaque cover with knockouts sizes continued on next page ...

### Configurations

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

**PSK:** 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).
- "PS" bases and covers are made from polystyrene 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)	EN 60529 (IP66)
IEC 50102 (IK08) Polycarbonate	EN 50102 (IK08) Polycarbonate
IEC 50102 (IK07) Polystyrene	EN 50102 (IK07) Polystyrene

### Approvals

UL Listed Types 4X & 12 (Polycarbonate)  
NEMA 4X & 12 (Polystyrene)



Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material	Knockouts (Quantity) Size
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic		
MB070402PCK MB070402PSK	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	Polycarbonate Polystyrene	(14) M16/20
MB070403PCK MB070403PSK	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	Polycarbonate Polystyrene	(14) M16/20
MB070435PCK MB070435PSK	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	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070404PCK MB070404PSK	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	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070465PCK MB070465PSK	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	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070735PCK MB070735PSK	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	Polycarbonate Polystyrene	(28) M20/25/32/40
MB070704PCK MB070704PSK	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	Polycarbonate Polystyrene	(28) M20/25/32/40
MB070765PCK MB070765PSK	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	Polycarbonate Polystyrene	(28) M20/25/32/40
MB100735PCK MB100735PSK	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	Polycarbonate Polystyrene	(32) M20/25/32/40
MB100704PCK MB100704PSK	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	Polycarbonate Polystyrene	(32) M20/25/32/40
MB100765PCK MB100765PSK	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	Polycarbonate Polystyrene	(32) M20/25/32/40
MB141004PCK MB141004PSK	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	Polycarbonate Polystyrene	(42) M20/25/32/40
MB141065PCK MB141065PSK	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	Polycarbonate Polystyrene	(42) M20/25/32/40

**Configurations**

**PCCT:** Polycarbonate enclosures with four non-metallic corner screws  
**PSCT:** Polystyrene enclosures with four non-metallic corner screws

**Features**

- Enclosures are maintenance free and corrosion resistant.
- "PCCT" bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°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 with transparent cover are designed for use as electrical junction boxes or instrumentation enclosures in highly corrosive environments where inspection of interior components is necessary.

**Standards**

IEC 60529 (IP66)	EN 60529 (IP66)
IEC 50102 (IK08) Polycarbonate	EN 50102 (IK08) Polycarbonate
IEC 50102 (IK07) Polystyrene	EN 50102 (IK07) Polystyrene

**Approvals**

UL Listed Types 4X & 12 (Polycarbonate)  
 NEMA 4X & 12 (Polystyrene)



Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic	
MB252502PCCT MB252502PSCT	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 MBBP2525S	Polycarbonate Polystyrene
MB252503PCCT MB252503PSCT	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	Polycarbonate Polystyrene
MB042502PCCT MB042502PSCT	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	Polycarbonate Polystyrene
MB042503PCCT MB042503PSCT	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	Polycarbonate Polystyrene
MB040402PCCT MB040402PSCT	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	Polycarbonate Polystyrene
MB040403PCCT MB040403PSCT	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	Polycarbonate Polystyrene
MB040425PCCT MB040425PSCT	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	Polycarbonate Polystyrene
MB040435PCCT MB040435PSCT	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	Polycarbonate Polystyrene
MB050402PCCT MB050402PSCT	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	Polycarbonate Polystyrene
MB050403PCCT MB050403PSCT	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	Polycarbonate Polystyrene
MB050503PCCT MB050503PSCT	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	Polycarbonate Polystyrene
MB050504PCCT MB050504PSCT	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	Polycarbonate Polystyrene

Transparent cover sizes continued on next page ...

### Configurations

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

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

### Features

- Enclosures are maintenance free and corrosion resistant.
- "PCCT" bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°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 with transparent cover are designed for use as electrical junction boxes or instrumentation enclosures in highly corrosive environments where inspection of interior components is necessary.

### Standards

IEC 60529 (IP66) EN 60529 (IP66)  
IEC 50102 (IK08) Polycarbonate EN 50102 (IK08) Polycarbonate  
IEC 50102 (IK07) Polystyrene EN 50102 (IK07) Polystyrene

### Approvals

UL Listed Types 4X & 12 (Polycarbonate)  
NEMA 4X & 12 (Polystyrene)



Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic	
MB070402PCCT MB070402PSCT	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	Polycarbonate Polystyrene
MB070403PCCT MB070403PSCT	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	Polycarbonate Polystyrene
MB070435PCCT MB070435PSCT	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	Polycarbonate Polystyrene
MB070404PCCT MB070404PSCT	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	Polycarbonate Polystyrene
MB070465PCCT MB070465PSCT	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	Polycarbonate Polystyrene
MB070735PCCT MB070735PSCT	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	Polycarbonate Polystyrene
MB070704PCCT MB070704PSCT	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	Polycarbonate Polystyrene
MB070765PCCT MB070765PSCT	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	Polycarbonate Polystyrene
MB100735PCCT MB100735PSCT	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	Polycarbonate Polystyrene
MB100704PCCT MB100704PSCT	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	Polycarbonate Polystyrene
MB100765PCCT MB100765PSCT	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	Polycarbonate Polystyrene
MB141004PCCT MB141004PSCT	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	Polycarbonate Polystyrene
MB141065PCCT MB141065PSCT	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	Polycarbonate Polystyrene

**Configurations**

**PCCTK:** Polycarbonate 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.
- "PCCT" bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°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 with transparent cover are designed for use as electrical junction boxes or instrumentation enclosures in highly corrosive environments where inspection of interior components is necessary.

**Standards**

IEC 60529 (IP66) EN 60529 (IP66)  
IEC 50102 (IK08) Polycarbonate EN 50102 (IK08) Polycarbonate  
IEC 50102 (IK07) Polystyrene EN 50102 (IK07) Polystyrene

**Approvals**

UL Listed Types 4X & 12 (Polycarbonate)  
NEMA 4X & 12 (Polystyrene)



Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material	Knockouts (Quantity) Size
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic		
MB252502PCCTK MB252502PSCTK	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 MBBP2525S	Polycarbonate Polystyrene	(4) M16/20
MB252503PCCTK MB252503PSCTK	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	Polycarbonate Polystyrene	(4) M16/20
MB042502PCCTK MB042502PSCTK	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	Polycarbonate Polystyrene	(6) M16/20
MB042503PCCTK MB042503PSCTK	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	Polycarbonate Polystyrene	(6) M16/20
MB040402PCCTK MB040402PSCTK	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	Polycarbonate Polystyrene	(6) M16/20
MB040403PCCTK MB040403PSCTK	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	Polycarbonate Polystyrene	(8) M16/20
MB040425PCCTK MB040425PSCTK	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	Polycarbonate Polystyrene	(6) M20/25
MB040435PCCTK MB040435PSCTK	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	Polycarbonate Polystyrene	(6) M20/25
MB050402PCCTK MB050402PSCTK	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	Polycarbonate Polystyrene	(10) M16/20
MB050403PCCTK MB050403PSCTK	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	Polycarbonate Polystyrene	(10) M16/20
MB050503PCCTK MB050503PSCTK	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	Polycarbonate Polystyrene	(12) M20/25/32
MB050504PCCTK MB050504PSCTK	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	Polycarbonate Polystyrene	(12) M20/25/32

Transparent cover with knockouts sizes continued on next page ...



**Configurations**

**PCCTK:** Polycarbonate 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.
- "PCCT" bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°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 with transparent cover are designed for use as electrical junction boxes or instrumentation enclosures in highly corrosive environments where inspection of interior components is necessary.

**Standards**












IEC 60529 (IP66) EN 60529 (IP66)  
IEC 50102 (IK08) Polycarbonate EN 50102 (IK08) Polycarbonate  
IEC 50102 (IK07) Polystyrene EN 50102 (IK07) Polystyrene

**Approvals**

UL Listed Types 4X & 12 (Polycarbonate)  
NEMA 4X & 12 (Polystyrene)



Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material	Knockouts (Quantity) Size
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic		
MB070402PCCTK MB070402PSCTK	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	Polycarbonate Polystyrene	(14) M16/20
MB070403PCCTK MB070403PSCTK	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	Polycarbonate Polystyrene	(14) M16/20
MB070435PCCTK MB070435PSCTK	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	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070404PCCTK MB070404PSCTK	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	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070465PCCTK MB070465PSCTK	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	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070735PCCTK MB070735PSCTK	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	Polycarbonate Polystyrene	(28) M20/25/32/40
MB070704PCCTK MB070704PSCTK	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	Polycarbonate Polystyrene	(28) M20/25/32/40
MB070765PCCTK MB070765PSCTK	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	Polycarbonate Polystyrene	(28) M20/25/32/40
MB100735PCCTK MB100735PSCTK	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	Polycarbonate Polystyrene	(32) M20/25/32/40
MB100704PCCTK MB100704PSCTK	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	Polycarbonate Polystyrene	(32) M20/25/32/40
MB100765PCCTK MB100765PSCTK	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	Polycarbonate Polystyrene	(32) M20/25/32/40
MB141004PCCTK MB141004PSCTK	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	Polycarbonate Polystyrene	(42) M20/25/32/40
MB141065PCCTK MB141065PSCTK	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	Polycarbonate Polystyrene	(42) M20/25/32/40

Part Number	Dimensions	Material	Thickness	Weight	Enclosure
	H x W Inches (mm)				
 MBBP2525A MBBP2525S MBBP2525N	1.77 x 1.77 (45 x 45)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.04 (.02) .08 (.04) .04 (.02)	MB252502 MB252503
 MBBP0425A MBBP0425S MBBP0425N	2.91 x 1.77 (74 x 45)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.07 (.03) .13 (.06) .06 (.03)	MB042502 MB042503
 MBBP44A MBBP44S MBBP44N	2.91 x 2.91 (74 x 74)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.11 (.05) .21 (.1) .1 (.05)	MB040402 MB040403
 MBBP0404A MBBP0404S MBBP0404N	3.54 x 3.54 (90 x 90)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.11 (.05) .21 (.1) .1 (.05)	MB040425 MB040435
 MBBP0504A MBBP0504S MBBP0504N	4.33 x 2.91 (110 x 74)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.14 (.06) .26 (.12) .12 (.05)	MB050402 MB050403
 MBBP0505A MBBP0505S MBBP0505N	4.33 x 4.33 (110 x 110)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.18 (.08) .33 (.15) .15 (.07)	MB050503 MB050504
 MBBP74A MBBP74S MBBP74N	5.91 x 2.91 (150 x 74)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.2 (.09) .36 (.16) .17 (.08)	MB070402 MB070403
 MBBP0704A MBBP0704S MBBP0704N	5.91 x 3.54 (150 x 90)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.2 (.09) .36 (.16) .17 (.08)	MB070435 MB070404 MB070465
 MBBP0707A MBBP0707S MBBP0707N	5.91 x 5.91 (150 x 150)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.34 (.15) .64 (.29) .29 (.13)	MB070735 MB070704 MB070765
 MBBP1007A MBBP1007S MBBP1007N	8.66 x 5.91 (220 x 150)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.49 (.22) .91 (.41) .42 (.19)	MB100735 MB100704 MB100765
 MBBP1410A MBBP1410S MBBP1410N	13.03 x 8.66 (331 x 220)	Aluminum Steel Non-Metallic	.08 (2) .06 (1.5) .1875 (4.8)	.98 (.44) 1.82 (.83) .84 (.38)	MB141004 MB141065

 MB-NMF Non-Metallic Mounting Feet	Material: Plastic For use with: All available Multibox enclosures Set of 4 pieces
 MB-PLKIT Padlocking Hinge Kit	Material: Plastic For use with: All Multibox enclosures Includes 1 padlock, 2 non-metallic hinges, screws and drilling template
 MBDRN50 DIN Rail	Material: Aluminum Width: 15mm For use with: MB2525 and MB0425 enclosures
 MBDRN80 DIN Rail	Material: Aluminum Width: 15mm For use with: MB0425, MB0404, MB0504, MB0505 and MB0704 enclosures
 MBDRN92 DIN Rail	Material: Aluminum Width: 15mm For use with: MB0404, MB0504, MB0505 and MB0704 enclosures
 MBDRN111 DIN Rail	Material: Aluminum Width: 15mm For use with: MB0504 and MB0505 enclosures
 MBDRN154 DIN Rail	Material: Aluminum Width: 15mm For use with: MB0704, MB0707 and MB1007 enclosures
 MBDRW81 DIN Rail	Material: Aluminum Width: 35mm For use with: MB0404, MB0504, MB0505 and MB0704 enclosures
 MBDRW106 DIN Rail	Material: Aluminum Width: 35mm For use with: MB0504 and MB0505 enclosures
 MBDRW144 DIN Rail	Material: Aluminum Width: 35mm For use with: MB0704, MB0707 and MB1007 enclosures
 MBDRW216 DIN Rail	Material: Aluminum Width: 35mm For use with: MB1007 and MB1410 enclosures
 MBDRW336 DIN Rail	Material: Aluminum Width: 35mm For use with: MB1410 enclosures