VM Series

configuration options and specifications

**** Suffix**
No Suffix: Opaque cover with four non-metallic corner screws
CT: Transparent cover with four non-metallic corner screws
K: Opaque cover with four non-metallic corner screws and knockouts in the base
CTK: Transparent cover with four non-metallic corner screws and knockouts in the base
PBS: 30.5 mm NEMA sized push-button holes and four non-metallic corner screws
PBM: 22.5 mm IEC sized push-button holes and four non-metallic corner screws
CT, K and CTK not available in 433, 733 and 933 enclosures

Features
- Enclosures are maintenance free and corrosion resistant.
- Bases and opaque covers are made from Valox® 357U that can withstand continuous temperatures up to 280°F (138°C).
- Transparent covers are made from polycarbonate that can withstand continuous temperatures from -13°F to +104°F (-25°C to +40°C).
- Knockouts in the base facilitate conduit entry
- 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 VM Series enclosure is designed for use as insulated electrical junction boxes, terminal wiring boxes, instrument housings, electrical control boxes and push-button housings in wet, dusty and corrosive environments.

Standards
IEC 60529 (IP66) EN 60529 (IP66)

Approvals
UL Listed Types 4, 4x, 3, 3R, 12 & 13
CSA 4, 4x, 3, 3R, 12 & 13

No Suffix



K



CT



CTK



PBS



PBM



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Configurations
Four non-metallic corner screws

Features
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- 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 VM Series enclosure is designed for use as insulated electrical junction boxes, terminal wiring boxes, instrument housings, electrical control boxes and push-button housings in wet, dusty and corrosive environments.

Standards
IEC 60529 (IP66)

EN 60529 (IP66)

Approvals
UL Listed Types 4, 4x, 3, 3R, 12 & 13
CSA 4, 4x, 3, 3R, 12 & 13



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum
VM433	4.36 x 3.18 x 3.66 (111 x 81 x 93)	4.01 x 2.82 x 3.31 (102 x 72 x 84)	.20 (.09)	Not Available
VM533	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A
VM534	5.03 x 3.06 x 4.02 (128 x 78 x 102)	4.69 x 2.72 x 3.72 (119 x 69 x 69)	.31 (.14)	VMBP53A
VM553	5.03 x 5.03 x 3.02 (128 x 128 x 77)	4.69 x 4.69 x 2.72 (119 x 119 x 69)	.43 (.20)	VMBP55A
VM554	5.03 x 5.03 x 4.02 (128 x 128 x 102)	4.69 x 4.69 x 3.72 (119 x 119 x 94)	.48 (.22)	VMBP55A
VM733	6.72 x 3.17 x 3.61 (171 x 81 x 92)	6.37 x 2.82 x 3.33 (162 x 72 x 85)	.36 (.16)	Not Available
VM753	7.00 x 5.03 x 2.97 (178 x 128 x 75)	6.65 x 4.69 x 2.72 (169 x 119 x 69)	.56 (.25)	VMBP75A
VM754	7.00 x 5.03 x 4.02 (178 x 128 x 102)	6.65 x 4.69 x 3.72 (169 x 119 x 94)	.61 (.28)	VMBP75A
VM755	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A
VM773	7.00 x 7.00 x 3.02 (178 x 178 x 77)	6.65 x 6.65 x 2.72 (169 x 169 x 69)	.83 (.38)	VMBP77A
VM775	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A
VM776	7.00 x 7.00 x 6.02 (178 x 178 x 153)	6.65 x 6.65 x 5.72 (169 x 169 x 145)	.98 (.44)	VMBP77A
VM933	9.09 x 3.18 x 3.61 (171 x 81 x 92)	8.74 x 2.84 x 3.33 (222 x 72 x 85)	.46 (.21)	Not Available

Configurations
K: Four non-metallic corner screws and knockouts in the base

Features
- Enclosures are maintenance free and corrosion resistant.
- Bases and covers are made from Valox® 357U that can withstand continuous temperatures up to 280°F (138°C).
- Knockouts in the base facilitate conduit entry.
- 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 VM Series enclosure is designed for use as insulated electrical junction boxes, terminal wiring boxes, instrument housings, electrical control boxes and push-button housings in wet, dusty and corrosive environments.

Standards
IEC 60529 (IP66)

EN 60529 (IP66)

Approvals
UL Listed Types 4, 4x, 3, 3R, 12 & 13
CSA 4, 4x, 3, 3R, 12 & 13





Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate *A: Aluminum *S: Steel *N: Non-Metallic	Knockouts (Quantity) Size
VM533K	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A	(6) .44"-.85"
VM534K	5.03 x 3.06 x 4.02 (128 x 78 x 102)	4.69 x 2.72 x 3.72 (119 x 69 x 69)	.31 (.14)	VMBP53A	(6) .44"-.85"
VM553K	5.03 x 5.03 x 3.02 (128 x 128 x 77)	4.69 x 4.69 x 2.72 (119 x 119 x 69)	.43 (.20)	VMBP55A	(8) .44"-.85"
VM554K	5.03 x 5.03 x 4.02 (128 x 128 x 102)	4.69 x 4.69 x 3.72 (119 x 119 x 94)	.48 (.22)	VMBP55A	(8) .44"-.85"
VM753K	7.00 x 5.03 x 2.97 (178 x 128 x 75)	6.65 x 4.69 x 2.72 (169 x 119 x 69)	.56 (.25)	VMBP75A	(6) PG13.5/9 (4) PG21/16
VM754K	7.00 x 5.03 x 4.02 (178 x 128 x 102)	6.65 x 4.69 x 3.72 (169 x 119 x 94)	.61 (.28)	VMBP75A	(6) PG13.5/9 (4) PG21/16
VM755K	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A	(6) PG 13.5/9 (4) PG21/16
VM773K	7.00 x 7.00 x 3.02 (178 x 178 x 77)	6.65 x 6.65 x 2.72 (169 x 169 x 69)	.83 (.38)	VMBP77A	(12) PG13.5/9
VM775K	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A	(12) PG13.5/9
VM776K	7.00 x 7.00 x 6.02 (178 x 178 x 153)	6.65 x 6.65 x 5.72 (169 x 169 x 145)	.98 (.44)	VMBP77A	(12) PG13.5/9

Configurations
CT: Four non-metallic corner screws

Features
- Enclosures are maintenance free and corrosion resistant.
- Bases are made from Valox® 357U that can withstand continuous temperatures up to 280°F (138°C).
- Transparent 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 VM Series enclosure with transparent cover is designed for use as insulated electrical junction boxes, terminal wiring boxes, instrument housings, electrical control boxes and push-button housings in wet, dusty and corrosive environments when visibility of internal components in essential.

Standards
IEC 60529 (IP66)

EN 60529 (IP66)

Approvals
UL Listed Types 4, 4x, 3, 3R, 12 & 13
CSA 4, 4x, 3, 3R, 12 & 13



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate *A: Aluminum *S: Steel *N: Non-Metallic
VM533CT	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A
VM534CT	5.03 x 3.06 x 4.02 (128 x 78 x 102)	4.69 x 2.72 x 3.72 (119 x 69 x 69)	.31 (.14)	VMBP53A
VM553CT	5.03 x 5.03 x 3.02 (128 x 128 x 77)	4.69 x 4.69 x 2.72 (119 x 119 x 69)	.43 (.20)	VMBP55A
VM554CT	5.03 x 5.03 x 4.02 (128 x 128 x 102)	4.69 x 4.69 x 3.72 (119 x 119 x 94)	.48 (.22)	VMBP55A
VM753CT	7.00 x 5.03 x 2.97 (178 x 128 x 75)	6.65 x 4.69 x 2.72 (169 x 119 x 69)	.56 (.25)	VMBP75A
VM754CT	7.00 x 5.03 x 4.02 (178 x 128 x 102)	6.65 x 4.69 x 3.72 (169 x 119 x 94)	.61 (.28)	VMBP75A
VM755CT	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A
VM773CT	7.00 x 7.00 x 3.02 (178 x 178 x 77)	6.65 x 6.65 x 2.72 (169 x 169 x 69)	.83 (.38)	VMBP77A
VM775CT	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A
VM776CT	7.00 x 7.00 x 6.02 (178 x 178 x 153)	6.65 x 6.65 x 5.72 (169 x 169 x 145)	.98 (.44)	VMBP77A

Configurations
CTK: Four non-metallic corner screws and knockouts in the base

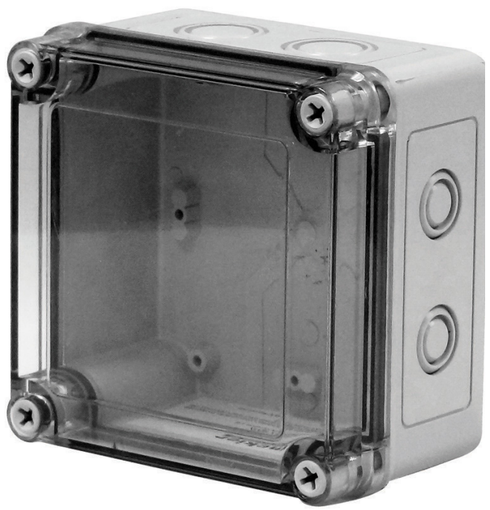
Features
- Enclosures are maintenance free and corrosion resistant.
- Bases are made from Valox® 357U that can withstand continuous temperatures up to 280°F (138°C).
- Transparent covers are made from polycarbonate that can withstand continuous temperatures from -13°F to +104°F (-25°C to +40°C).
- Knockouts in the base facilitate conduit entry
- 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 VM Series enclosure with transparent cover is designed for use as insulated electrical junction boxes, terminal wiring boxes, instrument housings, electrical control boxes and push-button housings in wet, dusty and corrosive environments when visibility of internal components in essential.

Standards
IEC 60529 (IP66)

EN 60529 (IP66)

Approvals
UL Listed Types 4, 4x, 3, 3R, 12 & 13
CSA 4, 4x, 3, 3R, 12 & 13





Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate *A: Aluminum *S: Steel *N: Non-Metallic	Knockouts (Quantity) Size
VM533CTK	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A	(6) .44"-.85"
VM534CTK	5.03 x 3.06 x 4.02 (128 x 78 x 102)	4.69 x 2.72 x 3.72 (119 x 69 x 69)	.31 (.14)	VMBP53A	(6) .44"-.85"
VM553CTK	5.03 x 5.03 x 3.02 (128 x 128 x 77)	4.69 x 4.69 x 2.72 (119 x 119 x 69)	.43 (.20)	VMBP55A	(8) .44"-.85"
VM554CTK	5.03 x 5.03 x 4.02 (128 x 128 x 102)	4.69 x 4.69 x 3.72 (119 x 119 x 94)	.48 (.22)	VMBP55A	(8) .44"-.85"
VM753CTK	7.00 x 5.03 x 2.97 (178 x 128 x 75)	6.65 x 4.69 x 2.72 (169 x 119 x 69)	.56 (.25)	VMBP75A	(6) PG13.5/9 (4) PG21/16
VM754CTK	7.00 x 5.03 x 4.02 (178 x 128 x 102)	6.65 x 4.69 x 3.72 (169 x 119 x 94)	.61 (.28)	VMBP75A	(6) PG13.5/9 (4) PG21/16
VM755CTK	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A	(6) PG 13.5/9 (4) PG21/16
VM773CTK	7.00 x 7.00 x 3.02 (178 x 178 x 77)	6.65 x 6.65 x 2.72 (169 x 169 x 69)	.83 (.38)	VMBP77A	(12) PG13.5/9
VM775CTK	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A	(12) PG13.5/9
VM776CTK	7.00 x 7.00 x 6.02 (178 x 178 x 153)	6.65 x 6.65 x 5.72 (169 x 169 x 145)	.98 (.44)	VMBP77A	(12) PG13.5/9

Configurations
PBS: 30.5 mm NEMA sized push-button holes and four non-metallic corner screws
PBM: 22.5 mm IEC sized push-button holes and four non-metallic corner screws

Features
- Enclosures are maintenance free and corrosion resistant.
- Bases and covers are made from Valox® 357U that can withstand continuous temperatures up to 280°F (138°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 VM Series enclosure push-button unit is designed for use as housing and operating stations for NEMA and IEC push buttons.

Standards
IEC 60529 (IP66) EN 60529 (IP66)

Approvals
UL Listed Types 4, 4x, 3, 3R, 12 & 13
CSA 4, 4x, 3, 3R, 12 & 13



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Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate *A: Aluminum *S: Steel *N: Non-Metallic	Push-button Holes (Quantity) Size
VM433-PBS1 VM433-PBM1	4.36 x 3.18 x 3.66 (111 x 81 x 93)	4.01 x 2.82 x 3.31 (102 x 72 x 84)	.20 (.09)	Not Available	(1) 30.5 (1) 22.5
VM533-PBM2	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A	(2) 22.5
VM733-PBS2 VM733-PBM3	6.72 x 3.17 x 3.61 (171 x 81 x 92)	6.37 x 2.82 x 3.33 (162 x 72 x 85)	.36 (.16)	Not Available	(2) 30.5 (3) 22.5
VM755-PBS4 VM755-PBM6	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A	(4) 30.5 (6) 22.5
VM775-PBS4 VM775-PBM9	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A	(4) 30.5 (9) 22.5
VM933-PBS3 VM933-PBM4	9.09 x 3.18 x 3.61 (171 x 81 x 92)	8.74 x 2.84 x 3.33 (222 x 72 x 85)	.46 (.21)	Not Available	(3) 30.5 (4) 22.5

Custom push button solutions available...

	Part Number	Dimensions H x W Inches (mm)	Material	Thickness Inches (mm)	Weight Lbs (kg)	Enclosure Range
	VMBP53A	4.21 x 2.25 (107 x 57)	Aluminum	.08 (2)	.11 (.05)	VM533 VM534
	VMBP55A	4.21 x 4.21 (107 x 107)	Aluminum	.08 (2)	.18 (.08)	VM553 VM554
	VMBP75A	6.18 x 4.22 (157 x 107)	Aluminum	.08 (2)	.25 (.11)	VM753 VM754 VM755
	VMBP77A	6.18 x 6.18 (157 x 157)	Aluminum	.08 (2)	.34 (.15)	VM773 VM775 VM776

VM Window Kits

	Part Number	Dimensions H x W x D Inches (mm)	Material	Viewing Area H x W Inches (mm)	Weight Lbs (kg)	Enclosure
	VM-CTFS23	2.36 x 3.03 x .79 (60 x 77 x 20)	Polycarbonate	1.65 x 1.97 (42 x 50)	.11 (.05)	VM533 and up
	VM-CTHS23	2.36 x 3.03 x 1.26 (60 x 77 x 32)	Polycarbonate	1.65 x 1.97 (42 x 50)	.16 (.07)	VM533 and up
	VM-CTFS43	3.78 x 3.03 x .79 (96 x 77 x 20)	Polycarbonate	3.07 x 1.97 (78 x 50)	.17 (.08)	VM753 and up
	VM-CTHS43	3.78 x 3.03 x 1.26 (96 x 77 x 32)	Polycarbonate	3.07 x 1.97 (78 x 50)	.22 (.10)	VM753 and up
	VM-CTFS53	5.12 x 3.03 x .79 (130 x 77 x 20)	Polycarbonate	4.41 x 1.97 (112 x 50)	.23 (.10)	VM753 and up
	VM-CTHS53	5.12 x 3.03 x 1.26 (130 x 77 x 32)	Polycarbonate	4.41 x 1.97 (112 x 50)	.28 (.13)	VM753 and up
	VM-CTFS73	6.42 x 3.03 x .79 (163 x 77 x 20)	Polycarbonate	5.71 x 1.97 (112 x 50)	.29 (.13)	VM753 and up
	VM-CTHS73	6.42 x 3.03 x 1.26 (163 x 77 x 32)	Polycarbonate	5.71 x 1.97 (112 x 50)	.34 (.15)	VM753 and up

	VMMB-5 VM Series Mounting Bracket	Material: Aluminum Package: Set of 2 pieces Mounts directly to the rear of enclosures for wall mounting applications.
	SEDV Small Drain Vents	Material: Polyamide Package: Set of 2 pieces 2 air vents must be mounted per enclosure to ensure sufficient air circulation and prevent condensation water.
	DRL43 VM Series Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the long side. For use with: VM433 enclosures
	DRL53 VM Series Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the long side. For use with: VM533 and VM534 enclosures
	DRS35 VM Series Short Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the short side. For use with: VM533 and VM534 enclosures
	DRL55 VM Series Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures. For use with: VM553 and VM554 enclosures
	DRL75 VM Series Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the long side. For use with: VM753, VM754 and VM755 enclosures
	DRS57 VM Series Short Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the short side. For use with: VM753, VM754 and VM755 enclosures
	DRL77 VM Series Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures. For use with: VM773, VM775 and VM776 enclosures
	DRL93 VM Series Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the long side. For use with: VM933 enclosures