

Rittal – The System.

Faster – better – everywhere.

Junction Box and Wallmount Enclosure Specification Guide



A good thing just got better.

ENCLOSURES

POWER DISTRIBUTION

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SOFTWARE & SERVICES





Rittal WM and JB Enclosures

- Features a stylish, modern design that safely houses more components in a smaller space
- Multi-fold single piece body construction for outstanding strength and stability with fewer welds
- Powder coated with RAL 7035 light grey over an industry exclusive electrophoretic dip-coat powder paint primer for complete coverage and protection of the enclosure surface
- Flange collar enclosure opening and seamless foamed-in-place gasketing create a knife edge seal for tight, secure protection against contaminants and dust
- Most include zinc plated, depth adjustable mounting panel (up to 10% larger than equivalent sized NEMA enclosures) with increased surface area for mounting equipment

WM Wallmount Enclosure

Rittal carbon and stainless steel WM and JB wallmount enclosures offer durable protection for a wide variety of applications in virtually any plant floor environment.

JB Junction Box Enclosure

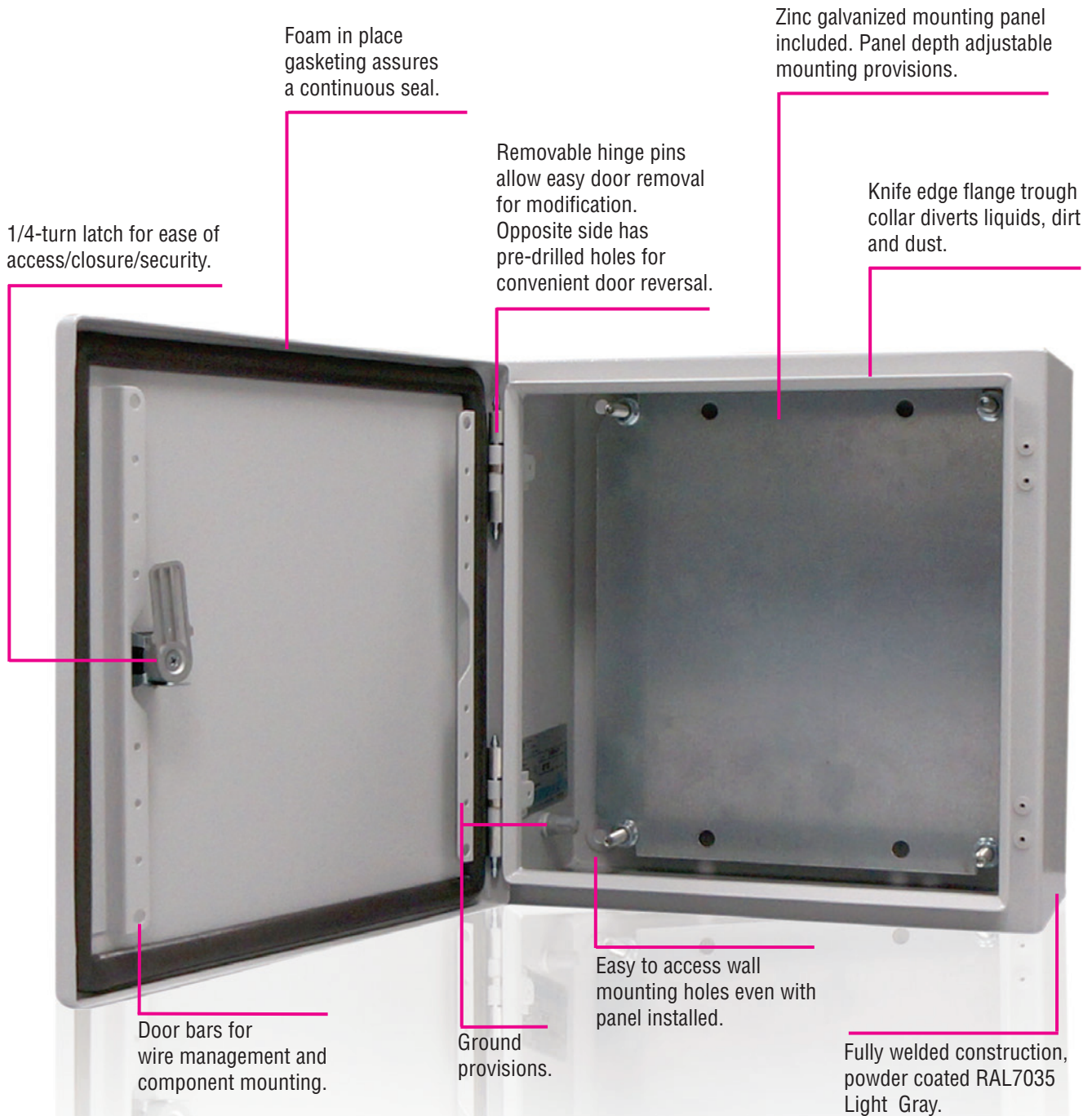
WHY CUSTOMERS CHOOSE RITTAL:

- Rittal stocks thousands of enclosures in three US warehouses for next day shipment
- Rittal manufactures thousands of enclosures each week, right here in the U.S.
- Rittal protects your equipment not just with enclosures, but with complete enclosure systems
- Rittal is available nationwide through your favorite local distributor
- Rittal is global, with standard product configurations available worldwide

Rittal Wallmounts.

A good thing just got better.

You've known Rittal quality in Wallmount Enclosures for years. Now you can get the industry's highest-quality enclosures in over 100 standard sizes, available in both carbon and stainless steel. And, with our American manufacturing plant located in central Ohio, you won't have to wait for the perfect Rittal enclosure you need for your facility today.



Get the **FREE Wallmount App** for iOS and Android

RITTAL SHIPS QUICK!
Made in the USA
www.RittalEnclosures.com

WM Wallmount Enclosures

Configuration:

One-piece welded cold-rolled steel body
 Left-hand hinged door (the carbon steel single door configuration is reversible)
 Single door enclosures less than 20" in height have one 1/4 turn latch with screwdriver insert
 Single door enclosures 20 - 40" in height have two 1/4-turn latches with screwdriver inserts
 Single door enclosures greater than or equal to 42" in height have a 3-point latching tool-to-open L-handle
 Double door and disconnect enclosures have a 3-point latching tool-to-open L-handle
 Wallmounting holes (carbon steel versions); blind riv-nuts (stainless steel versions)
 Foamed-in-place gasket
 Slope Top enclosures have a 20° sloped roof that overhangs the door

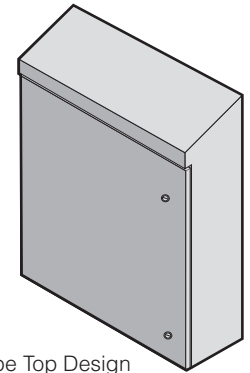
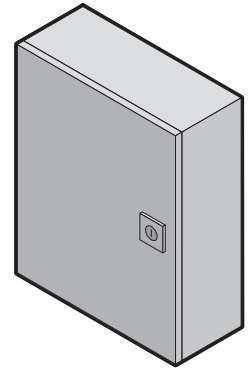
Zinc-plated mounting panel included

Material:

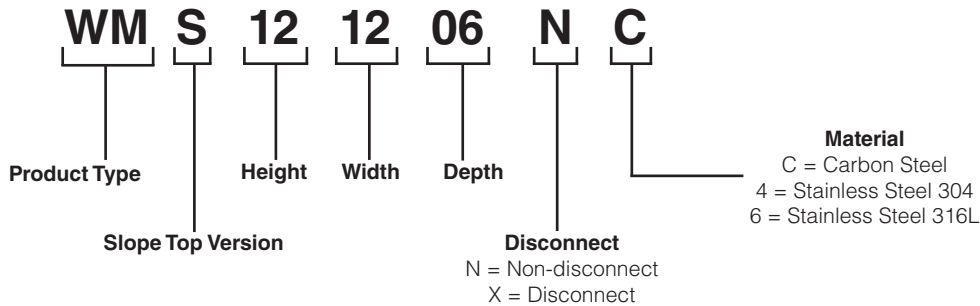
Housing and door (carbon steel):
 Dip-coat primed, powder-coated RAL 7035 light gray
 - 12"H x 12"W - 24"H x 20"W, 16 ga (1.5 mm) body and door
 - 24"H x 24"W - 36"H x 24"W, 16 ga (1.5 mm) body and 14 ga (2.0 mm) door
 - 36"H x 30"W - 60"H x 36"W, 14 ga (2.0 mm) body and door
 Housing and door (stainless steel):
 Stainless Steel, #4 Brushed Finish

Protection Ratings:

-Single door, disconnect and slope top enclosures
 UL/cUL Type 1, 3R, 12, 4 (4X stainless steel)
 -Double door enclosures
 UL/cUL Type 1, 12
 UL File Number E170282



Understanding the Part Number:



WM Wallmount Enclosures—Carbon Steel (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WM121206NC	WM 12x12x6 Carbon Steel	1	12	300	12	300	6	150	11	275	10	254
WM161206NC	WM 16x12x6 Carbon Steel	1	16	400	12	300	6	150	15	375	10	254
WM161606NC	WM 16x16x6 Carbon Steel	1	16	400	16	400	6	150	15	375	14	354
WM162006NC	WM 16x20x6 Carbon Steel	1	16	400	20	500	6	150	15	375	18	449
WM201606NC	WM 20x16x6 Carbon Steel	1	20	500	16	400	6	150	19	475	14	354
WM202006NC	WM 20x20x6 Carbon Steel	1	20	500	20	500	6	150	19	475	18	449
WM241606NC	WM 24x16x6 Carbon Steel	1	24	600	16	400	6	150	22	570	14	354
WM242006NC	WM 24x20x6 Carbon Steel	1	24	600	20	500	6	150	22	570	18	449
WM242406NC	WM 24x24x6 Carbon Steel	1	24	600	24	600	6	150	22	570	22	549
WM302406NC	WM 30x24x6 Carbon Steel	1	30	760	24	600	6	150	29	730	22	549
WM161208NC	WM 16x12x8 Carbon Steel	1	16	400	12	300	8	210	15	375	10	254
WM161608NC	WM 16x16x8 Carbon Steel	1	16	400	16	400	8	210	15	375	14	354
WM162008NC	WM 16x20x8 Carbon Steel	1	16	400	20	500	8	210	15	375	18	449
WM201608NC	WM 20x16x8 Carbon Steel	1	20	500	16	400	8	210	19	475	14	354
WM202008NC	WM 20x20x8 Carbon Steel	1	20	500	20	500	8	210	19	475	18	449
WM202408NC	WM 20x24x8 Carbon Steel	1	20	500	24	600	8	210	19	475	22	549
WM241608NC	WM 24x16x8 Carbon Steel	1	24	600	16	400	8	210	22	570	14	354
WM242008NC	WM 24x20x8 Carbon Steel	1	24	600	20	500	8	210	22	570	18	449
WM242408NC	WM 24x24x8 Carbon Steel	1	24	600	24	600	8	210	22	570	22	570
WM243008NC	WM 24x30x8 Carbon Steel	1	24	600	30	760	8	210	22	570	28	704
WM244208NC	WM 24x42x8 Carbon Steel	2	24	600	42	1050	8	210	22	550	39	1000

WM Wallmount Enclosures

WM Wallmount Enclosures—Carbon Steel (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WM302008NC	WM 30x20x8 Carbon Steel	1	30	760	20	500	8	210	29	730	18	449
WM302408NC	WM 30x24x8 Carbon Steel	1	30	760	24	600	8	210	29	730	22	549
WM303008NC	WM 30x30x8 Carbon Steel	1	30	760	30	760	8	210	29	730	28	704
WM362408NC	WM 36x24x8 Carbon Steel	1	36	900	24	600	8	210	34	870	22	549
WM363008NC	WM 36x30x8 Carbon Steel	1	36	900	30	760	8	210	34	870	28	704
WM363608NC	WM 36x36x8 Carbon Steel	1	36	900	36	900	8	210	34	870	33	840
WM423008NC	WM 42x30x8 Carbon Steel	1	42	1050	30	760	8	210	40	1020	28	704
WM423608NC	WM 42x36x8 Carbon Steel	1	42	1050	36	900	8	210	40	1020	33	840
WM483608NC	WM 48x36x8 Carbon Steel	1	48	1200	36	900	8	210	45	1155	33	840
WM202010NC	WM 20x20x10 Carbon Steel	1	20	500	20	500	10	250	19	475	18	449
WM242010NC	WM 24x20x10 Carbon Steel	1	24	600	20	500	10	250	22	570	18	449
WM242410NC	WM 24x24x10 Carbon Steel	1	24	600	24	600	10	250	22	570	22	549
WM302410NC	WM 30x24x10 Carbon Steel	1	30	760	24	600	10	250	29	730	22	549
WM303010NC	WM 30x30x10 Carbon Steel	1	30	760	30	760	10	250	29	730	28	704
WM304210NC	WM 30x42x10 Carbon Steel	2	30	760	42	1050	10	250	28	710	39	1000
WM304810NC	WM 30x48x10 Carbon Steel	2	30	760	48	1200	10	250	28	710	45	1150
WM362410NC	WM 36x24x10 Carbon Steel	1	36	900	24	600	10	250	34	870	22	549
WM363010NC	WM 36x30x10 Carbon Steel	1	36	900	30	760	10	250	34	870	28	704
WM423610NC	WM 42x36x10 Carbon Steel	1	42	1050	36	900	10	250	40	1020	33	840
WM483610NC	WM 48x36x10 Carbon Steel	1	48	1200	36	900	10	250	45	1155	33	840
WM603610NC	WM 60x36x10 Carbon Steel	1	60	1500	36	900	10	250	57	1455	33	840
WM202012NC	WM 20x20x12 Carbon Steel	1	20	500	20	500	12	300	19	470	18	449
WM242012NC	WM 24x20x12 Carbon Steel	1	24	600	20	500	12	300	22	570	18	449
WM242412NC	WM 24x24x12 Carbon Steel	1	24	600	24	600	12	300	22	570	22	549
WM302412NC	WM 30x24x12 Carbon Steel	1	30	760	24	600	12	300	29	730	22	549
WM303012NC	WM 30x30x12 Carbon Steel	1	30	760	30	760	12	300	29	730	28	704
WM362412NC	WM 36x24x12 Carbon Steel	1	36	900	24	600	12	300	34	870	22	549
WM363012NC	WM 36x30x12 Carbon Steel	1	36	900	30	760	12	300	34	870	28	704
WM363612NC	WM 36x36x12 Carbon Steel	1	36	900	36	900	12	300	34	870	33	840
WM364212NC	WM 36x42x12 Carbon Steel	2	36	900	42	1050	12	300	33	850	39	1000
WM364812NC	WM 36x48x12 Carbon Steel	2	36	900	48	1200	12	300	33	850	45	1150
WM366012NC	WM 36x60x12 Carbon Steel	2	36	900	60	1500	12	300	33	850	57	1450
WM423612NC	WM 42x36x12 Carbon Steel	1	42	1050	36	900	12	300	40	1020	33	840
WM426012NC	WM 42x60x12 Carbon Steel	2	42	1050	60	1500	12	300	39	1000	57	1450
WM483612NC	WM 48x36x12 Carbon Steel	1	48	1200	36	900	12	300	45	1155	33	840
WM484812NC	WM 48x48x12 Carbon Steel	2	48	1200	48	1200	12	300	45	1150	45	1150
WM603612NC	WM 60x36x12 Carbon Steel	1	60	1500	36	900	12	300	57	1455	33	840
WM363016NC	WM 36x30x16 Carbon Steel	1	36	900	30	760	16	400	34	870	28	704
WM483616NC	WM 48x36x16 Carbon Steel	1	48	1200	36	900	16	400	45	1155	33	840
WM603616NC	WM 60x36x16 Carbon Steel	1	60	1500	36	900	16	400	57	1450	33	840
WM302420NC	WM 30x24x20 Carbon Steel	1	30	760	24	600	20	500	29	730	22	549
WM483620NC	WM 48x36x20 Carbon Steel	1	48	1200	36	900	20	500	45	1155	33	840

WM Wallmount Enclosures

WM Wallmount Enclosures—Carbon Steel Disconnect (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WM202208XC	WM 20x22x08 Carbon Steel	1	20	500	22	550	8	210	19	470	18	449
WM242208XC	WM 24x22x8 Carbon Steel	1	24	600	22	550	8	210	22	570	18	449
WM242608XC	WM 24x26x8 Carbon Steel	1	24	600	26	650	8	210	22	570	22	549
WM302608XC	WM 30x26x8 Carbon Steel	1	30	760	26	650	8	210	29	730	22	549
WM363208XC	WM 36x32x8 Carbon Steel	1	36	900	31	825	8	210	34	870	28	704
WM363210XC	WM 36x32x10 Carbon Steel	1	36	900	32	825	10	250	34	870	28	704
WM603810XC	WM 60x38x10 Carbon Steel	1	60	1500	38	975	10	250	57	1455	33	840
WM302612XC	WM 30x26x12 Carbon Steel	1	30	760	26	650	12	30	29	730	22	549
WM363212XC	WM 36x32x12 Carbon Steel	1	36	900	32	825	12	300	34	870	29	730
WM423212XC	WM 42x32x12 Carbon Steel	1	42	1050	32	825	12	300	40	1020	29	730
WM423812XC	WM 42x38x12 Carbon Steel	1	42	1050	38	975	12	300	40	1020	33	840
WM483812XC	WM 48x38x12 Carbon Steel	1	48	1200	38	975	12	300	45	1155	33	840
WM603812XC	WM 60x38x12 Carbon Steel	1	60	1500	38	976	12	300	57	1455	33	840
WM483816XC	WM 48x38x16 Carbon Steel	1	48	1200	38	975	16	400	45	1155	33	840
WM603816XC	WM 60x38x16 Carbon Steel	1	60	1500	38	975	16	400	57	1455	33	840

WM Wallmount Enclosures—Type 304 Stainless Steel (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WM121206N4	WM 12x12x6 Type 304	1	12	300	12	300	6	150	11	275	10	254
WM161206N4	WM 16x12x6 Type 304	1	16	400	12	300	6	150	15	375	10	254
WM161606N4	WM 16x16x6 Type 304	1	16	400	16	400	6	150	15	375	14	354
WM201606N4	WM 20x16x6 Type 304	1	20	500	16	400	6	150	19	475	14	354
WM202006N4	WM 20x20x6 Type 304	1	20	500	20	500	6	150	19	475	18	449
WM161208N4	WM 16x12x8 Type 304	1	16	400	12	300	8	210	15	375	10	254
WM161608N4	WM 16x16x8 Type 304	1	16	400	16	400	8	210	15	375	14	354
WM201608N4	WM 20x16x8 Type 304	1	20	500	16	400	8	210	19	475	14	354
WM202008N4	WM 20x20x8 Type 304	1	20	500	20	500	8	210	19	470	18	449
WM241608N4	WM 24x16x8 Type 304	1	24	600	16	400	8	210	22	570	14	354
WM242008N4*	WM 24x20x8 Type 304	1	24	600	20	500	8	210	22	570	18	449
WM242408N4*	WM 24x24x8 Type 304	1	24	600	24	600	8	210	22	570	22	549
WM302408N4*	WM 30x24x8 Type 304	1	30	760	24	600	8	210	29	730	22	549
WM303008N4*	WM 30x30x8 Type 304	1	30	760	30	760	8	210	29	730	28	704
WM362408N4*	WM 36x24x8 Type 304	1	36	900	24	600	8	210	34	870	22	549
WM363008N4*	WM 36x30x8 Type 304	1	36	900	30	760	8	210	34	870	28	704
WM242010N4*	WM 24x20x10 Type 304	1	24	600	20	500	10	250	22	570	18	449
WM302410N4*	WM 30x24x10 Type 304	1	30	760	24	600	10	250	29	730	22	549
WM303010N4	WM 30x30x10 Type 304	1	30	760	30	760	10	250	29	730	28	704
WM363010N4*	WM 36x30x10 Type 304	1	36	900	30	760	10	250	34	870	28	704
WM483610N4	WM 48x36x10 Type 304	1	48	1200	36	900	10	250	45	1155	33	840
WM242412N4*	WM 24x24x12 Type 304	1	24	600	24	600	12	300	23	570	22	549
WM302412N4*	WM 30x24x12 Type 304	1	30	760	24	600	12	300	29	730	22	549
WM363012N4*	WM 36x30x12 Type 304	1	36	900	30	760	12	300	34	870	28	704
WM363612N4*	WM 36x36x12 Type 304	1	36	900	36	900	12	300	34	870	33	840
WM423612N4	WM 42x36x12 Type 304	1	42	1050	36	900	12	300	40	1020	33	840
WM483612N4	WM 48x36x12 Type 304	1	48	1200	36	900	12	300	45	1155	33	840
WM603612N4	WM 60x36x12 Type 304	1	60	1500	36	900	12	300	57	1455	33	840
WM363016N4*	WM 36x30x16 Type 304	1	36	900	30	760	16	400	34	870	28	704
WM483616N4	WM 48x36x16 Type 304	1	48	1200	36	900	16	400	46	1155	33	840
WM603616N4	WM 60x36x16 Type 304	1	60	1500	36	900	16	400	57	1455	33	840

*Additional latching option available. In addition to the standard ¼-turn latching system, a 3-point latch option is available for these products. To order add "3PT" at the end of marked alphanumeric part number. Ex: WM242008N43PT.

WM Wallmount Enclosures

WM Wallmount Enclosures—Type 304 Stainless Steel Disconnect (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WM242608X4	WM 24x26x8 Type 304	1	24	600	26	650	8	210	22	570	22	549
WM363208X4	WM 36x32x8 Type 304	1	36	900	32	825	8	210	34	870	28	704
WM363210X4	WM 36x32x10 Type 304	1	36	900	32	825	10	250	34	870	28	704
WM603810X4	WM 60x38x10 Type 304	1	60	1500	38	975	10	250	57	1455	33	840
WM363212X4	WM 36x32x12 Type 304	1	36	900	32	825	12	300	34	870	28	704
WM423212X4	WM 42x32x12 Type 304	1	42	1050	32	825	12	300	40	120	33	840
WM483812X4	WM 48x38x12 Type 304	1	48	1200	38	975	12	300	45	1155	33	840
WM603812X4	WM 60x38x12 Type 304	1	60	1500	38	975	12	300	57	1455	33	840
WM483816X4	WM 48x38x16 Type 304	1	48	1200	38	975	16	400	46	1155	33	840

WM Wallmount Enclosures—Type 304 Stainless Steel Slope Top (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WMS161208N4	WM 16x12x8 Type 304	1	16	395	12	300	8	210	15	375	10	254
WMS161608N4	WM 16x16x8 Type 304	1	16	395	16	400	8	210	15	375	14	354
WMS201608N4	WM 20x16x8 Type 304	1	20	495	16	400	8	210	19	475	14	354
WMS202008N4	WM 20x20x8 Type 304	1	20	495	20	500	8	210	19	475	18	449
WMS242008N4	WM 24x20x8 Type 304	1	24	595	20	500	8	210	22	570	18	449
WMS242408N4	WM 24x24x8 Type 304	1	24	595	24	600	8	210	22	570	22	549
WMS302408N4	WM 30x24x8 Type 304	1	30	755	24	600	8	210	29	730	22	549
WMS303008N4	WM 30x30x8 Type 304	1	30	755	30	760	8	210	29	730	28	704
WMS363008N4	WM 36x30x8 Type 304	1	36	895	30	760	8	210	34	870	28	704
WMS201612N4	WM 20x16x12 Type 304	1	20	495	16	400	12	300	19	475	14	354
WMS202012N4	WM 20x20x12 Type 304	1	20	495	20	500	12	300	19	475	18	449
WMS242412N4	WM 24x24x12 Type 304	1	24	595	24	600	12	300	22	570	22	549
WMS302412N4	WM 30x24x12 Type 304	1	30	755	24	600	12	300	29	730	22	549
WMS363012N4	WM 36x30x12 Type 304	1	36	895	30	760	12	300	34	870	28	704
WMS363612N4	WM 36x36x12 Type 304	1	36	895	36	900	12	300	34	870	33	840
WMS363016N4	WM 36x30x16 Type 304	1	36	895	30	760	16	400	34	870	28	704
WMS483616N4	WM 48x36x16 Type 304	1	48	1195	36	900	16	400	45	1155	33	840
WMS603616N4	WM 60x36x16 Type 304	1	60	1495	36	900	16	400	57	1455	33	840

WM Wallmount Enclosures—Type 316L Stainless Steel (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WM121206N6	WM 12x12x6 Type 316L	1	12	300	12	300	6	150	11	275	10	254
WM161206N6	WM 16x12x6 Type 316L	1	16	400	12	300	6	150	15	375	10	254
WM161606N6	WM 16x16x6 Type 316L	1	16	400	16	400	6	150	15	375	14	354
WM201606N6	WM 20x16x6 Type 316L	1	20	500	16	400	6	150	19	475	14	354
WM202006N6	WM 20x20x6 Type 316L	1	20	500	20	500	6	150	19	475	10	449
WM161208N6	WM 16x12x8 Type 316L	1	16	400	12	300	8	210	15	375	10	254
WM161608N6	WM16x16x8 Type 316L	1	16	400	16	400	8	210	15	375	14	354
WM201608N6	WM 20x16x8 Type 316L	1	20	500	16	400	8	210	19	475	14	354
WM202008N6	WM 20x20x8 Type 316L	1	20	500	20	500	8	210	19	470	18	449
WM241608N6	WM 24x16x8 Type 316L	1	24	600	16	400	8	210	22	570	14	354
WM242008N6*	WM 24x20x8 Type 316L	1	24	600	20	500	8	210	22	570	18	449
WM242408N6*	WM 24x24x8 Type 316L	1	24	600	24	600	8	210	22	570	22	549
WM302408N6*	WM 30x24x8 Type 316L	1	30	760	24	600	8	210	29	730	22	549
WM303008N6*	WM 30x30x8 Type 316L	1	30	760	30	760	8	210	29	730	28	704
WM362408N6*	WM 36x24x8 Type 316L	1	36	900	24	600	8	210	34	870	22	549

*Additional latching option available. In addition to the standard ¼-turn latching system, a 3-point latch option is available for these products. To order add "3PT" at the end of marked alphanumeric part number. Ex: WM242008N63PT.

WM Wallmount Enclosures

WM Wallmount Enclosures—Type 316L Stainless Steel (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WM363008N6*	WM 36x30x8 Type 316L	1	36	900	30	769	8	210	34	870	28	704
WM242010N6*	WM 24x24x10 Type 316L	1	24	600	20	500	10	250	22	570	18	449
WM302410N6*	WM 30x24x10 Type 316L	1	30	760	24	600	10	250	29	730	22	549
WM303010N6	WM 30x30x10 Type 316L	1	30	760	30	760	10	250	29	730	28	704
WM363010N6*	WM 36x30x10 Type 316L	1	36	900	30	760	10	250	34	870	28	704
WM483610N6	WM 48x36x10 Type 316L	1	48	1200	36	900	10	250	45	1155	33	840
WM242412N6*	WM 24x24x12 Type 316L	1	24	600	24	600	12	300	23	570	22	549
WM302412N6*	WM 30x24x12 Type 316L	1	30	760	24	600	12	300	29	730	22	549
WM363012N6*	WM 36x30x12 Type 316L	1	36	900	30	760	12	300	34	870	28	704
WM363612N6*	WM 36x36x12 Type 316L	1	36	900	36	900	12	300	34	870	33	840
WM423612N6	WM 42x36x12 Type 316L	1	42	1050	36	900	12	300	40	1020	33	840
WM483612N6	WM 48x36x12 Type 316L	1	48	1200	36	900	12	300	45	1155	33	840
WM603612N6	WM 60x36x12 Type 316L	1	60	1500	36	900	12	300	57	1455	33	840
WM363016N6*	WM 36x30x16 Type 316L	1	36	900	30	760	16	400	34	870	28	704
WM483616N6	WM 48x36x16 Type 316L	1	48	1200	36	900	16	400	46	1155	33	840
WM603616N6	WM 60x36x16 Type 316L	1	60	1500	36	900	16	400	57	1455	33	840

WM Wallmount Enclosures—Type 316L Stainless Steel Disconnect (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WM242608X6	WM 24x26x8 Type 316L	1	24	600	26	650	8	210	22	570	22	549
WM363208X6	WM 36x32x8 Type 316L	1	36	900	32	825	8	210	34	870	28	704
WM363210X6	WM 36x32x10 Type 316L	1	36	900	32	825	10	250	34	870	28	704
WM603810X6	WM 60x38x10 Type 316L	1	60	1500	38	975	10	250	57	1455	33	840
WM363212X6	WM 36x32x12 Type 316L	1	36	900	32	825	12	300	34	870	28	704
WM423212X6	WM 42x32x12 Type 316L	1	42	1050	32	825	12	300	40	120	33	840
WM483812X6	WM 48x38x12 Type 316L	1	48	1200	38	975	12	300	45	1155	33	840
WM603812X6	WM 60x38x12 Type 316L	1	60	1500	38	975	12	300	57	1455	33	840
WM483816X6	WM 48x38x16 Type 316L	1	48	1200	38	975	16	400	46	1155	33	840

WM Wallmount Enclosures—Type 316L Stainless Steel Slope Top (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
WMS161208N6	WM 16x12x8 Type 316L	1	16	395	12	300	8	210	15	375	10	254
WMS161608N6	WM 16x16x8 Type 316L	1	16	395	16	400	8	210	15	375	14	354
WMS201608N6	WM 20x16x8 Type 316L	1	20	495	16	400	8	210	19	475	14	354
WMS202008N6	WM 20x20x8 Type 316L	1	20	495	20	500	8	210	19	475	18	449
WMS242008N6	WM 24x20x8 Type 316L	1	24	595	20	500	8	210	22	570	18	449
WMS242408N6	WM 24x24x8 Type 316L	1	24	595	24	600	8	210	22	570	22	549
WMS302408N6	WM 30x24x8 Type 316L	1	30	755	24	600	8	210	29	730	22	549
WMS303008N6	WM 30x30x8 Type 316L	1	30	755	30	760	8	210	29	730	28	704
WMS363008N6	WM 36x30x8 Type 316L	1	36	895	30	760	8	210	34	870	28	704
WMS201612N6	WM 20x16x12 Type 316L	1	20	495	16	400	12	300	19	475	14	354
WMS202012N6	WM 20x20x12 Type 316L	1	20	495	20	500	12	300	19	475	18	449
WMS242412N6	WM 24x24x12 Type 316L	1	24	595	24	600	12	300	22	570	22	549
WMS302412N6	WM 30x24x12 Type 316L	1	30	755	24	600	12	300	29	730	22	549
WMS363012N6	WM 36x30x12 Type 316L	1	36	895	30	760	12	300	34	870	28	704
WMS363612N6	WM 36x36x12 Type 316L	1	36	895	36	900	12	300	34	870	33	840
WMS363016N6	WM 36x30x16 Type 316L	1	36	895	30	760	16	400	34	870	28	704
WMS483616N6	WM 48x36x16 Type 316L	1	48	1195	36	900	16	400	45	1155	33	840
WMS603616N6	WM 60x36x16 Type 316L	1	60	1495	36	900	16	400	57	1455	33	840

*Additional latching option available. In addition to the standard ¼-turn latching system, a 3-point latch option is available for these products. To order add "3PT" at the end of marked alphanumeric part number. Ex: WM242008N63PT.

316 Stainless Steel Wallmount Enclosures



Rear, blind nut design enables enclosure to be mounted to the wall and maintain the integrity of the Nema 4X rating.

Removable 316 stainless steel hinge pins allow easy door removal for modification.

Stainless steel 316 screw driver insert and 1/4-turn latch for ease of access/closure/security.

Zinc galvanized mounting panel included. Panel depth adjustable mounting provisions.

Foam in place gasketing provide a water and dust proof environmental seal.

Defined edge flange trough collar diverts liquids, dirt and dust.

Ground provisions.

Fully welded construction, 316 Stainless Steel



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JB Junction Box Enclosures

Configuration:

One-piece welded cold-rolled steel body
 Left-hand hinged door
 Single quarter-turn latch with screwdriver insert
 Foamed-in-place gasket
 Wallmounting holes (carbon steel versions) and
 blind riv-nuts (stainless steel versions)

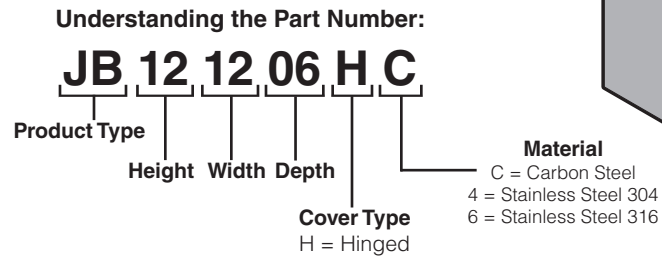
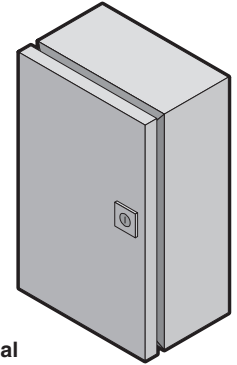
Note: Zinc-plated mounting panel included.

Material:

Housing and door (carbon steel):
 Dip-coat primed, powder-coated
 RAL 7035 light gray, 16 ga (1.5 mm)
 Housing and door (stainless steel):
 Stainless Steel, 16 ga (1.5 mm), #4 Brushed Finish

Protection Ratings:

UL/cUL Type 1, 3R, 12, 4 (4X stainless steel)
 UL File Number E170282



JB Junction Box Enclosures—Carbon Steel (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
JB040403HC*	JB 4x4x3 Hinge Cover Carbon Steel	1	4	100	4	100	3	75	—	—	—	—
JB060403HC	JB 6x4x3 Hinge Cover Carbon Steel	1	6	150	4	100	3	75	5	135	3	75
JB060404HC	JB 6x4x4 Hinge Cover Carbon Steel	1	6	150	4	100	4	100	5	135	3	75
JB060604HC	JB 6x6x4 Hinge Cover Carbon Steel	1	6	150	6	150	4	100	5	135	5	125
JB080604HC	JB 8x6x4 Hinge Cover Carbon Steel	1	8	200	6	150	4	100	7	185	5	125
JB080804HC	JB 8x8x4 Hinge Cover Carbon Steel	1	8	200	8	200	4	100	7	185	7	175
JB100804HC	JB 10x8x4 Hinge Cover Carbon Steel	1	10	250	8	200	4	100	9	235	7	175
JB120604HC	JB 12x6x4 Hinge Cover Carbon Steel	1	12	300	6	150	4	100	11	285	5	125
JB121005HC	JB 12x10x5 Hinge Cover Carbon Steel	1	12	300	10	250	5	125	11	285	9	225
JB080606HC	JB 8x6x6 Hinge Cover Carbon Steel	1	8	200	6	150	6	150	7	185	5	125
JB100806HC	JB 10x8x6 Hinge Cover Carbon Steel	1	10	250	8	200	6	150	9	235	7	175
JB101006HC	JB 10x10x6 Hinge Cover Carbon Steel	1	10	250	10	250	6	150	9	235	9	225
JB121006HC	JB 12x10x6 Hinge Cover Carbon Steel	1	12	300	10	250	6	150	11	285	9	225
JB121206HC	JB 12x12x6 Hinge Cover Carbon Steel	1	12	300	12	300	6	150	11	285	11	275
JB141206HC	JB 14x12x6 Hinge Cover Carbon Steel	1	14	350	12	300	6	150	13	335	11	275
JB161406HC	JB 16x14x6 Hinge Cover Carbon Steel	1	16	400	14	350	6	150	15	385	13	325
JB121008HC	JB 12x10x8 Hinge Cover Carbon Steel	1	12	300	10	250	8	200	11	285	9	225
JB161408HC	JB 16x14x8 Hinge Cover Carbon Steel	1	16	400	14	350	8	200	15	385	13	325
JB161410HC	JB 16x14x10 Hinge Cover Carbon Steel	1	16	400	14	350	10	250	15	385	13	325

*Without Mounting Panel

JB Junction Box Enclosures

JB Junction Box Enclosures—Type 304 Stainless Steel (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
JB040403H4*	JB 4x4x3 Hinge Cover Type 304	1	4	100	4	100	3	75	—	—	—	—
JB060403H4	JB 6x4x3 Hinge Cover Type 304	1	6	150	4	100	3	75	5	135	3	75
JB060404H4	JB 6x4x4 Hinge Cover Type 304	1	6	150	4	100	4	100	5	135	3	75
JB060604H4	JB 6x6x4 Hinge Cover Type 304	1	6	150	6	150	4	100	5	135	5	125
JB080604H4	JB 8x6x4 Hinge Cover Type 304	1	8	200	6	150	4	100	7	185	5	125
JB080804H4	JB 8x8x4 Hinge Cover Type 304	1	8	200	8	200	4	100	7	185	7	175
JB100804H4	JB 10x8x4 Hinge Cover Type 304	1	10	250	8	200	4	100	9	235	7	175
JB120604H4	JB 12x6x4 Hinge Cover Type 304	1	12	300	6	150	4	100	11	285	5	125
JB121005H4	JB 12x10x5 Hinge Cover Type 304	1	12	300	10	250	5	125	11	285	9	225
JB080606H4	JB 8x6x6 Hinge Cover Type 304	1	8	200	6	150	6	150	7	185	5	125
JB100806H4	JB 10x8x6 Hinge Cover Type 304	1	10	250	8	200	6	150	9	235	7	175
JB101006H4	JB 10x10x6 Hinge Cover Type 304	1	10	250	10	250	6	150	9	235	9	225
JB121006H4	JB 12x10x6 Hinge Cover Type 304	1	12	300	10	250	6	150	11	285	9	225
JB121206H4	JB 12x12x6 Hinge Cover Type 304	1	12	300	12	300	6	150	11	285	11	275
JB141206H4	JB 14x12x6 Hinge Cover Type 304	1	14	350	12	300	6	150	13	335	11	275
JB161406H4	JB 16x14x6 Hinge Cover Type 304	1	16	400	14	350	6	150	15	385	13	325
JB121008H4	JB 12x10x8 Hinge Cover Type 304	1	12	300	10	250	8	200	11	285	9	225
JB161408H4	JB 16x14x8 Hinge Cover Type 304	1	16	400	14	350	8	200	15	385	13	325
JB161410H4	JB 16x14x10 Hinge Cover Type 304	1	16	400	14	350	10	250	15	385	13	325

*Without Mounting Panel

JB Junction Box Enclosures—Type 316L Stainless Steel (mounting panel included)

Part No.	Description	No. of Door(s)	H		W		D		Panel H		Panel W	
			in	mm	in	mm	in	mm	in	mm	in	mm
JB040403H6*	JB 4x4x3 Hinge Cover Type 316L	1	4	100	4	100	3	75	—	—	—	—
JB060403H6	JB 6x4x3 Hinge Cover Type 316L	1	6	150	4	100	3	75	5	135	3	75
JB060404H6	JB 6x4x4 Hinge Cover Type 316L	1	6	150	4	100	4	100	5	135	3	75
JB060604H6	JB 6x6x4 Hinge Cover Type 316L	1	6	150	6	150	4	100	5	135	5	125
JB080604H6	JB 8x6x4 Hinge Cover Type 316L	1	8	200	6	150	4	100	7	185	5	125
JB080804H6	JB 8x8x4 Hinge Cover Type 316L	1	8	200	8	200	4	100	7	185	7	175
JB100804H6	JB 10x8x4 Hinge Cover Type 316L	1	10	250	8	200	4	100	9	235	7	175
JB120604H6	JB 12x6x4 Hinge Cover Type 316L	1	12	300	6	150	4	100	11	285	5	125
JB121005H6	JB 12x10x5 Hinge Cover Type 316L	1	12	300	10	250	5	125	11	285	9	225
JB080606H6	JB 8x6x6 Hinge Cover Type 316L	1	8	200	6	150	6	150	7	185	5	125
JB100806H6	JB 10x8x6 Hinge Cover Type 316L	1	10	250	8	200	6	150	9	235	7	175
JB101006H6	JB 10x10x6 Hinge Cover Type 316L	1	10	250	10	250	6	150	9	235	9	225
JB121006H6	JB 12x10x6 Hinge Cover Type 316L	1	12	300	10	250	6	150	11	285	9	225
JB121206H6	JB 12x12x6 Hinge Cover Type 316L	1	12	300	12	300	6	150	11	285	11	275
JB141206H6	JB 14x12x6 Hinge Cover Type 316L	1	14	350	12	300	6	150	13	335	11	275
JB161406H6	JB 16x14x6 Hinge Cover Type 316L	1	16	400	14	350	6	150	15	385	13	325
JB121008H6	JB 12x10x8 Hinge Cover Type 316L	1	12	300	10	250	8	200	11	285	9	225
JB161408H6	JB 16x14x8 Hinge Cover Type 316L	1	16	400	14	350	8	200	15	385	13	325
JB161410H6	JB 16x14x10 Hinge Cover Type 316L	1	16	400	14	350	10	250	15	385	13	325

*Without Mounting Panel

JB & WM Accessories

Wallmount Brackets

Material	Wall clearance inches (mm)	PU	Part No.	JB	WM
Tab-style, brass Nickel-plated	0.3 (8)	4	1580.000	■	–
Tab-style, sheet steel Zinc-plated, passivated	0.3 (8)	4	1590.000	■	–
Tab-style, Type 304 Stainless Steel	0.3 (8)	4	1594.000	■	–
Stand-off, sheet steel Zinc-plated, passivated	1.6 (40)	4	2503.010	■	■
Stand-off, sheet steel Zinc-plated, passivated	0.4 (10)	4	2508.010	■	■
Stand-off, Type 304 Stainless Steel	0.4 (10)	4	2433.000	■	■
Stand-off, Type 316L Stainless Steel	0.4 (10)	4	2433.500	■	■
Slotted, Zinc-plated	Flush-mount	4	WMSMB	■	■
Slotted, Stainless Steel	Flush-mount	4	WMSMB6	■	■

Plastic Print Pockets

Page Format	Height in inches (mm)	Width in inches (mm)	Depth in inches (mm)	Part No.	JB	WM
A3 landscape	11 (290)	17 (440)	2 (45)	2513.000	–	■
A4 portrait	10 (260)	9 (230)	1 (20)	2514.000	■	■
A5 landscape	7 (180)	9 (230)	1 (20)	2515.000	■	■

Grounding Straps

Connection	Cross Section AWG	Length in inches (mm)	PU	Part No.	JB	WM
M6 – M8	8	12 (300)	5	2565.110	■	■

Support Rails—TS 35/7.5 and TS 35/15

For enclosure width in inches (mm)	Support rails length in inches (mm)	Description	PU	Part No.	JB	WM
6 (150)	5 (137)	TS 35/7.5	10	2314.000	■	■
8 (200)	7 (187)		10	2315.000	■	■
12 (300)	11 (287)		10	2316.000	■	■
16 (400)	15 (387)		10	2317.000	–	■
20 (500)	19 (487)	TS 35/15	10	2318.000	–	■
24 (600)	23 (587)		10	2319.000	–	■

Rails for Interior Installation

Enclosure Depth in inches (mm)	PU	Part No. Carbon Steel	JB	WM
8 (210)	4	2383.210	–	■
10 (250)	4	2383.250	■	■
12 (300)	4	2383.300	–	■
14 (350)	4	2383.350	–	■

Window Kits

Window Height in inches (mm)	Window Width in inches (mm)	Frame Height in inches (mm)	Frame Width in inches (mm)	Part No. Carbon Steel	Part No. Type 304 Stainless Steel	Part No. Type 316L Stainless Steel	JB	WM
5 (127)	3 (76)	8 (191)	6 (140)	WK0503C	WK05034	WK05036	■	■
9 (229)	6 (140)	12 (292)	8 (203)	WK0905C	WK09054	WK09056	■	■
13 (330)	3 (76)	16 (394)	6 (140)	WK1303C	WK13034	WK13036	–	■
13 (330)	8 (203)	16 (394)	11 (267)	WK1308C	WK13084	WK13086	–	■
17 (432)	6 (140)	20 (495)	8 (203)	WK1705C	WK17054	WK17056	–	■
17 (432)	11 (279)	20 (495)	14 (343)	WK1711C	WK17114	WK17116	–	■
23 (584)	15 (381)	26 (648)	18 (445)	WK2315C	WK23154	WK23156	–	■
29 (737)	19 (483)	32 (800)	22 (546)	WK2919C	WK29194	WK29196	–	■
35 (889)	23 (584)	38 (953)	26 (648)	WK3523C	WK35234	WK35236	–	■

Floor Stand Kits

Height in inches (mm)	Depth in inches (mm)	Part No. Carbon Steel	Part No. Stainless Steel Type 304	Part No. Stainless Steel Type 316L	JB	WM
12 (305)	6 (152)	FSK1206C	FSK12064	FSK12066	-	■
18 (457)	6 (152)	FSK1806C	FSK18064	FSK18066	-	■
24 (610)	6 (152)	FSK2406C	FSK24064	FSK24066	-	■
12 (305)	8 (203)	FSK1208C	FSK12084	FSK12086	-	■
18 (457)	8 (203)	FSK1808C	FSK18084	FSK18086	-	■
24 (610)	8 (203)	FSK2408C	FSK24084	FSK24086	-	■
12 (305)	10 (254)	FSK1210C	FSK12104	FSK12106	-	■
18 (457)	10 (254)	FSK1810C	FSK18104	FSK18106	-	■
24 (610)	10 (254)	FSK2410C	FSK24104	FSK24106	-	■
12 (305)	12 (305)	FSK1212C	FSK12124	FSK12126	-	■
18 (457)	12 (305)	FSK1812C	FSK18124	FSK18126	-	■
24 (610)	12 (305)	FSK2412C	FSK24124	FSK24126	-	■
12 (305)	16 (406)	FSK1216C	FSK12164	FSK12166	-	■
18 (457)	16 (406)	FSK1816C	FSK18164	FSK18166	-	■
24 (610)	16 (406)	FSK2416C	FSK24164	FSK24166	-	■
12 (305)	20 (508)	FSK1220C	FSK12204	FSK12206	-	■
18 (457)	20 (508)	FSK1820C	FSK18204	FSK18206	-	■
24 (610)	20 (508)	FSK2420C	FSK24204	FSK24206	-	■

Handles, Inserts & Padlock Accessories

Description	PU	Part No.	JB	WM
Thumb-Turn Handles				
Key-locking - RAL 9011 (graphite black) - for use on carbon steel enclosures	1	2576.000	■	■
Key-locking - RAL 7030 (stone gray) - for use on carbon steel enclosures	1	2439.000	■	■
Non-locking insert - RAL 9011 (graphite black) - for use on carbon steel enclosures	1	2533.000	■	■
Thumb-turn handle, Type 316L stainless steel, padlockable	1	WMQTPLS6	■	■
Thumb-turn handle, Type 316L stainless steel, key lockable	1	WMQTKLS6	■	■
T-Handles				
Key-locking - for use on carbon steel enclosures	1	2575.000	■	■
Non-locking - for use on carbon steel enclosures	1	2572.000	■	■
L-Handles				
L-Handle - carbon steel	1	WMLHNL	-	■
L-Handle - Type 316L stainless steel	1	WMLHNL6	-	■
L-Handle padlock tool-to-open	1	9965641	-	■
L-Handle padlock - carbon steel	1	WMLHPL	-	■
L-Handle padlock - Type 316L stainless steel	1	WMLHPL6	-	■
L-Handle keylock - carbon steel	1	WMLHKL	-	■
L-Handle keylock - Type 316L stainless steel	1	WMLHKL6	-	■
Lock Inserts				
Version A - 0.28" (7 mm) Square	1	2460.000	■	■
Version A - 0.31" (8 mm) Square	1	2461.000	■	■
Version A - 0.28" (7 mm) Triangular	1	2462.000	■	■
Version A - 0.31" (8 mm) Triangular	1	2463.000	■	■
Version A - Screwdriver	1	2464.000	■	■
Version A - 0.1" (3 mm) Double-bit	1	2466.000	■	■
Padlock Accessories				
Padlock cover	1	2493.000	-	■
2 piece padlock lockout - RAL 7035 (light gray) - for carbon steel enclosures	1	WMPADCS	■	■
2 piece padlock lockout - Type 316L stainless steel - for stainless steel enclosures	1	WMPADS6	■	■
1 piece padlock lockout - Type 316L stainless steel - for carbon steel enclosures	1	WMPADRCS	■	■
1 piece padlock lockout - Type 316L stainless steel - for stainless steel enclosures	1	WMPADRS6	■	■

JB & WM Accessories

Primer/Paint

Description	PU	Part No.	JB	WM
0.6 oz touch-up pen - 7035 (light gray)	1	9095.006	■	■
Spray can - 7035 (light gray)	1	9093.006	■	■
Quart can - 7035 (light gray)	1	9094.006	■	■

System Lights

Rated Voltage	Wattage	Protection category	Width inches (mm)	Connection cable	Light	Operating unit	Switches	PU	Part No.	JB	WM
100 – 240V AC ±10% at 50 – 60 Hz	8	II (all-insulated)	18 (455)	3 m (open end)	Fluorescent lamp T5	Wide-range electronic ballast	Integral, on/off/door-operated switch mode	1	4140.210	–	■
100 – 240V AC ±10% at 50 – 60 Hz	14	II (all-insulated)	28 (705)	3 m (open end)	Fluorescent lamp T5	Wide-range electronic ballast	Integral, on/off/door-operated switch mode	1	4140.220	–	■

System Light Accessories

Description	PU	Part No.	JB	WM
Mounting kit magnet	2	4140.000	–	■
Door operated switch with UL connection cable, 600 mm length	1	4315.720	–	■
Universal bracket	6	2373.000	–	■

LED Lights - Low Voltage

Rated Voltage	No. of LEDs	Protection Category	Width inches (mm)	PU	Part No.	JB	WM
24V DC +/- 10%	10	III (SELV)	9 (230)	1	4140.810	■	■
24V DC +/- 10%	20	III (SELV)	13 (330)	1	4140.820	■	■
24V DC +/- 10%	30	III (SELV)	17 (430)	1	4140.830	–	■
24V DC +/- 10%	40	III (SELV)	21 (530)	1	4140.840	–	■

LED Light Accessories

Description	PU	Part No.	JB	WM
LED connection cable, 3m length	1	4315.800	■	■
Door operated switch with LED connection cable, 3 m length	1	4315.810	■	■
Door operated switch with LED connection cable, 1 m length	1	4315.820	■	■
LED connection cable for through wiring, 0.6 m length	1	4315.830	–	■
LED connection cable for through wiring, 1 m length	1	4315.840	–	■
LED connection cable for through wiring, 3 m length	1	4315.850	–	■
Adaptor power pack, 100-230V AC to 24V DC, 1A, Europlug	1	4315.860	■	■
Mounting kit magnet	2	4140.000	■	■

Other Accessories

Description	PU	Part No.	JB	WM
Condensate drain	6	2459.000	■	■
Pole clamp	1	2584.000	–	■
WM 180° hinges	2	2449.000	–	■
Pressure relief stopper	5	2459.500	■	■
47" (1200 mm) dust guard trim (cut to length)	1	2426.500	–	■

Replacement parts can be found online at <http://www.rittalenclosures.com/spare-parts/>

Rittal Corporation is fully committed to ongoing product improvements. We will not be held responsible for any subsequent change in product specifications, performance claims or other data as well as any unintentional typographical errors contained herein.

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Rittal North America LLC

Woodfield Corporate Center
425 North Martingale Road, Suite 400 • Schaumburg, Illinois 60173 • USA
Phone: 937-399-0500 • Toll-free: 800-477-4000
Email: rittal@rittal.us • Online: www.rittal.us

Rittal Systems Ltd.

6485 Ordan Drive • Mississauga, Ontario L5T 1X2 • Canada
Phone: 905-795-0777 • Toll-free: 800-399-0748
E-Mail: marketing@rittal.ca • Online: www.rittal.ca

Rittal Mexico

Dr. Roberto Gayol 1219-1B • Col. Del Valle Sur, 03100 • Mexico, D.F.
Phone: (+52) (55) 5559-5369 • Toll-free: 01 800 8 Rittal (748.825)
E-Mail: info@rittal.com.mx • Website: www.rittal.com.mx

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