

DATA SHEET:

WALL MOUNTED ENCLOSURES SHEET STEEL POWDER COATED WSM



SCHRACK-INFO

- Material: Robust, cross-shaped construction which is folded and welded from a cold-pressed sheet steel plate depending on the size
- Thickness of sheet steel:
 - Single-door enclosures:
 - 1,2mm: WSM2020150 - WSM6050300
 - 1,4mm: WSM6060210 - WSM1006300
 - 1,5mm: WSM1008260 - WSM1208400 as well as all with 400mm depth
 - Double-door enclosures:
 - 1,4mm: WSM6080302 - WSM8012402
 - 1,5mm: WSM1010302 - WSM1410302
- Flange plates: 1.4mm powder-coated sheet steel. The cabinet edge is a rain gutter which was bent the other way in order to prevent water from trapping on the seal. The cable entry is possible via the flange opening in the floor and the top, since enclosure can be rotated by 180°. In order to ensure circulation of air and to mount the cabinet to the wall, there are four deep pressed knock-outs of 20.4mm and four drillholes of 8.5mm in the corners of the back panel. All parts are pretreated with ferric phosphate, demineralised and protected with an epoxy-polyester powder-structured finish in colour RAL 7035.
The enclosure consists of two parts: base and door.
- Door: Made from sheet steel and equipped with M8 threaded studs for earthing
 - Single-door enclosures:
 - 1,2mm: WSM2020150 - WSM6050300
 - 1,4mm: WSM6060210 - WSM8080400
 - 1,8mm: WSM1006260 - WSM1208400
 - Double-door enclosures:
 - 1,4mm: WSM6080302
 - 1,8mm: WSM8012302 - WSM1410302

Bolts for installing the door mounting profiles WSMTPxxx are included for enclosures from 300mm height.

Profiles are preinstalled from 600mm height.

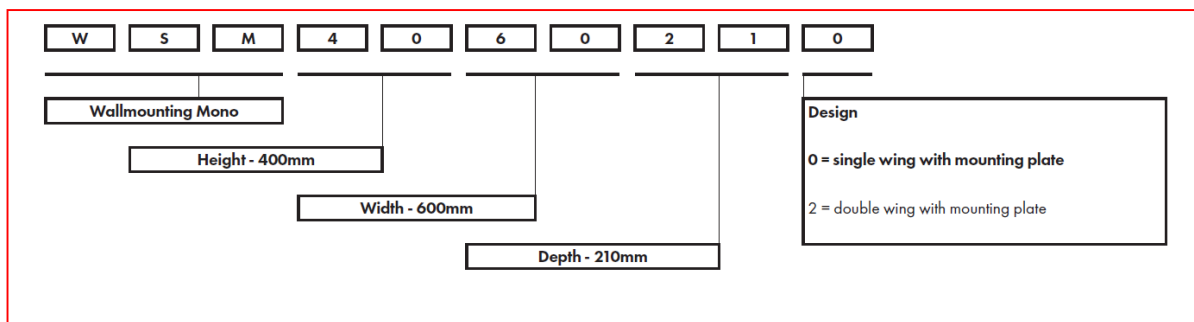
The door is secured with two or three hinges and has a 130° opening angle. The hinges are hidden and the door is attached with safety pegs. The position of door hinges can be easily changed. The doors have a foamed up polyurethane seal.

- Lock:
 - Single-door enclosures are equipped with a 1-, 2- or 3-point (from 1000mm height) locking system with sash lock
 - Double-door enclosures are equipped with a 3-point locking bar. The 5mm DIN double-bit lock supplied as standard can be exchanged for other inserts.
- Mounting plate: Galvanized sheet steel
 - Single door: 2mm: WSM2020150 - WSM1208400
 - Double door: 2mm: WSM6080302 - WSM8012402
 - 2,5mm: WSM1010302 - WSM1410302

The mounting plate has markings in 10mm distance to facilitate the positioning of components on it. Holes for attaching cables can be found on the top and bottom. The mounting plate is installed on welded M8-bolts on the back panel of the enclosure. From 800mm, all ends are stiffened by folding. With the use of accessory kit WSMAMGxxx, the mounting plate is continuously height adjustable and can be detached for equipping and cabling. The mounting plate has markings in 10mm distance as well as drill holes on top and bottom to facilitate the mounting of components onto it. In order to comply to the EMV guidelines, the mounting plate is made of 2mm sendzimir galvanized steel. It comes with earthing points in order to establish a connection to the body of the enclosure.

- Flange opening: Easy wire insertion is ensured via positioning far back in the enclosure. Sealing for adherence with degree of protection is included in the delivery
- Protection: The enclosure offers the highest protection for the user and the devices, thanks to the degree of protection IP66 for single-door and IP55 for double-door or transparent-door enclosures. Complies with NEMA 4, 12 and 13.
Impact strength: IK10 according to IEC 60529
- For outdoor installation the use of a rain hood (WSMD...) and corrosion prevention is recommended.
IP20 is guaranteed in the enclosure when using an internal door or a 19" hinged frame
- Finish: Structure powder coating RAL 7035 light grey
- Mounting: The enclosure is mounted directly to the rear panel with screws (with plastic washers on the inside), or is mounted to the wall with a mounting kit (accessory WSMWB004) and is height-adjustable. In both cases, the protection IP/ NEMA is preserved. Several enclosures can be mounted beside each other thanks to the small opening radius.
- Delivery: Enclosure with door and two door mounting profiles (from size WSM6040150 and above), for double-door enclosures with two door-mounting profiles. Gland plate(s) with gaske(s) and screws, plastic double-bit DIN 5mm key, and mounting plate including accessories. Earthing facilities included.

MODEL CODE WSM



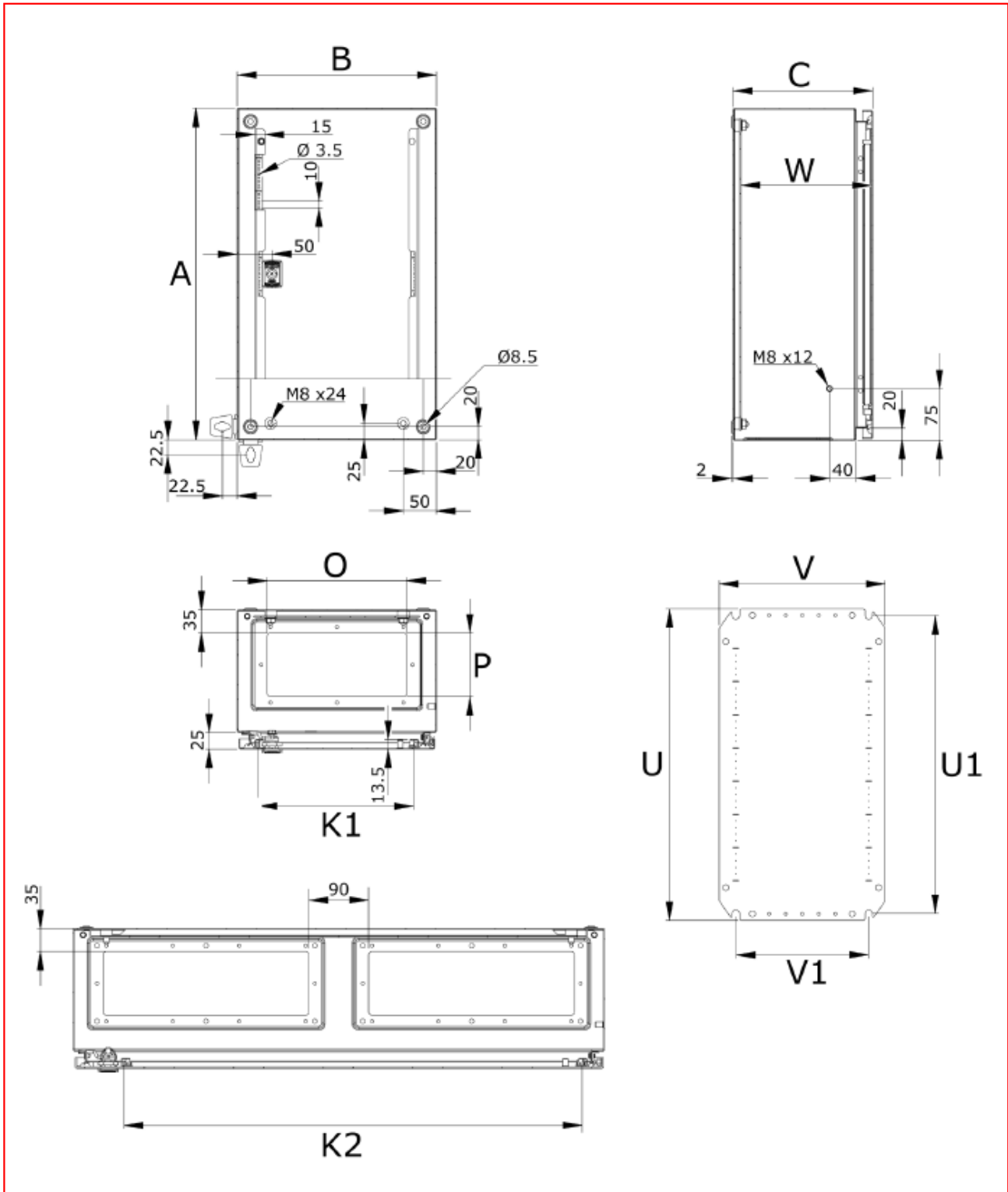
SELECTION TABLE SINGLE-DOOR

mm	DEPTH	WIDTH							
		200	250	300	400	500	600	800	
SINGLE DOOR									
HEIGHT	200	155	WSM2020150	-	-	-	-	-	-
	250	155	WSM2520150	WSM2525150	-	-	-	-	-
	300	155	-	WSM3025150	WSM3030150	-	-	-	-
		210	-	WSM3025210	WSM3030210	-	-	-	-
	350	155	-	WSM3525150	-	-	-	-	-
		155	-	-	WSM4030150	-	-	-	-
	400	210	-	-	WSM4030210	WSM4040210	WSM4050210	WSM4060210	-
		155	-	-	-	WSM5040150	-	-	-
	500	210	-	-	WSM5030210	WSM5040210	WSM5050210	-	-
		260	-	-	-	WSM5040260	WSM5050300	-	-
		300	-	-	-	WSM5040300	-	-	-
		155	-	-	-	WSM6040150	WSM6050150	-	-
	600	210	-	-	-	WSM6040210	WSM6050210	WSM6060210	-
		260	-	-	-	WSM6040260	WSM6050260	-	-
		300	-	-	-	WSM6040300	WSM6050300	WSM6060300	WSM6080300
		400	-	-	-	-	-	WSM6060400	-
	700	210	-	-	-	-	WSM7050210	-	-
		260	-	-	-	-	WSM7050260	-	-
	800	210	-	-	-	-	-	WSM8060210	WSM8080210
		260	-	-	-	-	-	WSM8060260	-
300		-	-	-	WSM8040300	-	WSM8060300	WSM8080300	
400		-	-	-	-	-	WSM8060400	WSM8080400	
1000	260	-	-	-	-	-	WSM1006260	WSM1008260	
	300	-	-	-	-	-	WSM1006300	WSM1008300	
	400	-	-	-	-	-	-	WSM1008400	
1200	300	-	-	-	-	-	WSM1206300	WSM1208300	
	400	-	-	-	-	-	-	WSM1208400	
1400	300	-	-	-	-	-	-	-	

SELECTION TABLE DOUBLE-DOOR

mm	DEPTH	WIDTH		
		800	1000	1200
DOUBLE DOOR				
HEIGHT	200	155	-	-
	250	155	-	-
	300	155	-	-
		210	-	-
	350	155	-	-
		155	-	-
	400	210	-	-
		155	-	-
	500	210	-	-
		260	-	-
		300	-	-
		155	-	-
	600	210	-	-
		260	-	-
		300	WSM6080302	-
		400	-	-
	700	210	-	-
		260	-	-
	800	210	-	-
		260	-	-
300		-	WSM8012302	
400		-	WSM8012402	
1000	260	-	-	
	300	-	WSM1010302	
	400	-	-	
1200	300	-	WSM1210302	
	400	-	WSM1212302 WSM1212402	
1400	300	-	WSM1410302	

▀ DIMENSIONED DRAWING WSM SINGLE-DOOR



WALL MOUNTED ENCLOSURES SHEET STEEL POWDER COATED WSM

Article number	A	B	C	K1	K2	Flange/ Type	O	P	U	V	W	U1	V2	kg	Number of locks	Radiant power loss [W]**
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			
WSM2020150	200	200	155	132	-	110x56 / 00	110	56	170	150	137	150	100	2,7	1	-30
WSM2520150	250	200	155	132	-	110x56 / 00	110	56	220	150	137	200	100	3,1	1	-35
WSM2525150	250	250	155	182	-	110x56 / 00	110	56	220	200	137	200	150	4,0	1	-41
WSM3025150	300	250	155	182	-	110x56 / 00	110	56	270	200	137	250	150	4,6	1	-47
WSM3025210	300	250	210	182	-	110x56 / 00	110	96	270	200	192	250	150	5,3	1	-56
WSM3030150	300	300	155	232	-	210x56 / A0	210	56	270	250	137	250	200	5,2	1	-53
WSM3030210	300	300	210	232	-	210x96 / A	210	96	270	250	192	250	200	5,5	1	-63
WSM3525150	350	250	155	182	-	110x56 / 00	110	56	320	200	137	300	150	5,3	1	-53
WSM4030150	400	300	155	232	-	210x96 / A0	210	56	370	250	137	350	200	6,5	1	-67
WSM4030210	400	300	210	232	-	210x96 / A	210	96	370	250	192	350	200	7,0	1	-78
WSM4040210	400	400	210	332	-	310x96 / B	310	96	370	350	192	350	300	8,6	1	-95
WSM4050210	400	500	210	432	-	410x96 / C	410	96	370	450	192	350	400	10,5	1	-111
WSM4060210	400	600	210	532	-	510x96 / D	510	96	370	550	192	350	500	12,2	1	-128
WSM5030210	500	300	210	232	-	210x96 / A	210	96	470	250	192	450	200	8,6	1	-94
WSM5040150	500	400	155	332	-	310x56 / B0	310	56	470	350	137	450	300	10,3	1	-97
WSM5040210	500	400	210	332	-	310x96 / B	310	96	470	350	192	450	300	10,4	1	-113
WSM5040260	500	400	260	332	-	310x96 / B	310	96	470	350	242	450	300	11,2	1	-127
WSM5040300	500	400	300	332	-	310x96 / B	310	96	470	350	282	450	300	12,1	1	-138
WSM5050210	500	500	210	432	-	410x96 / C	410	96	470	450	192	450	400	12,6	1	-132
WSM5050300	500	500	300	432	-	410x96 / C	410	96	470	450	282	450	400	14,5	1	-160
WSM6040150	600	400	155	332	-	310x56 / B0	310	56	570	350	137	550	300	11,5	2	-114
WSM6040210	600	400	210	332	-	310x96 / B	310	96	570	350	192	550	300	12,2	2	-131
WSM6040260	600	400	260	332	-	310x96 / B	310	96	570	350	242	550	300	13,6	2	-147
WSM6040300	600	400	300	332	-	310x96 / B	310	96	570	350	282	550	300	14,5	2	-159
WSM6050150	600	500	155	432	-	410x56 / B	410	56	570	450	137	550	400	14,2	2	-134
WSM6050210	600	500	210	432	-	410x96 / C	410	96	570	450	192	550	400	15,4	2	-153
WSM6050260	600	500	260	432	-	410x96 / C	410	96	570	450	242	550	400	16,6	2	-170
WSM6050300	600	500	300	432	-	410x96 / C	410	96	570	450	282	550	400	17,5	2	-184
WSM6060210	600	600	210	532	-	510x96 / D	510	96	570	550	192	550	500	21,0	2	-175
WSM6060300	600	600	300	532	-	510x96 / D	510	96	570	550	282	550	500	24,0	2	-208
WSM6060400	600	600	400	532	-	510x96 / D	510	96	570	550	382	550	500	27,0	2	-245
WSM6080300	600	800	300	732	-	2x310x96 / B	310	96	570	750	282	550	700	31,0	2	-257
WSM7050210	700	500	210	432	-	410x96 / C	410	96	670	450	192	650	400	21,0	2	-174
WSM7050260	700	500	260	432	-	410x96 / C	410	96	670	450	242	650	400	23,2	2	-193
WSM8040300	800	400	300	332	-	310x96 / B	310	96	770	350	282	750	300	24,0	2	-202
WSM8060210	800	600	210	532	-	510x96 / D	510	96	770	550	192	750	500	28,0	2	-222
WSM8060260	800	600	260	532	-	510x96 / D	510	96	770	550	242	750	500	29,8	2	-244
WSM8060300	800	600	300	532	-	510x96 / D	510	96	770	550	282	750	500	31,0	2	-261
WSM8060400	800	600	400	532	-	510x96 / D	510	96	770	550	382	750	500	34,0	2	-305
WSM8080210	800	800	210	-	686,8	2x310x96 / B	310	96	770	750	192	750	700	35,0	2	-276
WSM8080300	800	800	300	-	686,8	2x310x96 / B	310	96	770	750	282	750	700	39,0	2	-320
WSM8080400	800	800	400	-	686,8	2x310x96 / B	310	96	770	750	382	750	700	43,0	2	-370
WSM1006260	1000	600	260	-	486,8	510x96 / D	510	96	970	550	242	950	500	38,0	1*	-294
WSM1006300	1000	600	300	-	486,8	510x96 / D	510	96	970	550	282	950	500	39,0	1*	-314
WSM1008260	1000	800	260	-	686,8	2x310x96 / B	310	96	970	750	242	950	700	44,0	1*	-362
WSM1008300	1000	800	300	-	686,8	2x310x96 / B	310	96	970	750	282	950	700	47,0	1*	-384
WSM1008400	1000	800	400	-	686,8	2x310x96 / B	310	96	970	750	382	950	700	51,0	1*	-440
WSM1206300	1200	600	300	-	486,8	510x96 / D	510	96	1170	550	282	1150	500	51,0	1*	-367
WSM1208300	1200	800	300	-	686,8	2x310x96 / B	310	96	1170	750	282	1150	700	60,0	1*	-448
WSM1208400	1200	800	400	-	686,8	2x310x96 / B	310	96	1170	750	382	1150	700	66,0	1*	-511

*3-point rod locking system

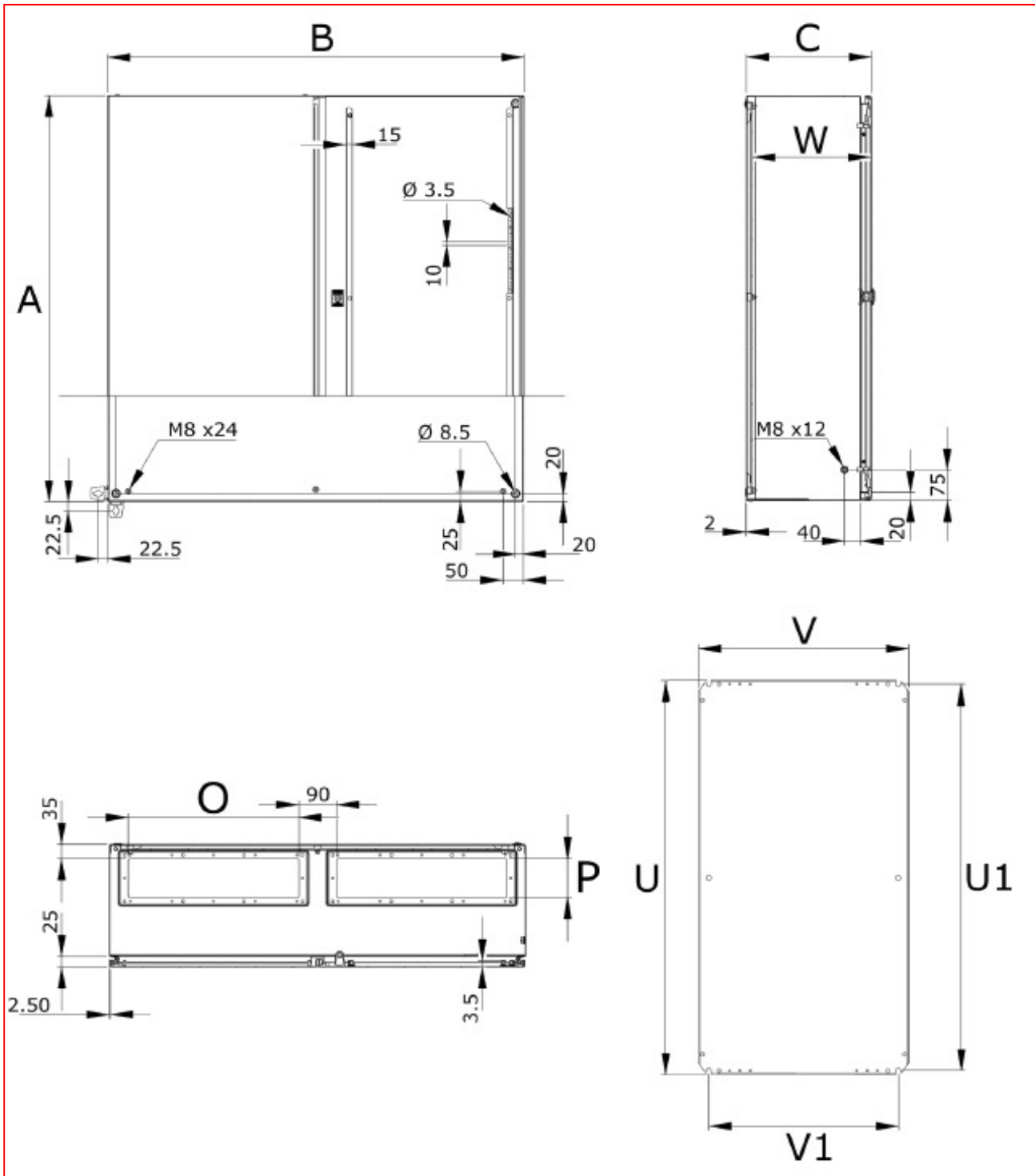
**max. radiated power of housing calculated as a wall mounted single fixed with $\Delta T = 35K$.

Article number	A	B	C	Flange/ Type	O	P	U	V	W	U1	V1	kg	Number of locks	Radiant power loss [W]**
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			
WSM6080302	600	800	300	2x310x96 / B	310	96	570	750	282	550	700	31,0	1*	-257
WSM8012302	800	1200	300	2x510x96 / D	510	96	770	1150	282	750	1100	48,0	1*	-439
WSM8012402	800	1200	400	2x510x96 / D	510	96	770	1150	382	750	1100	54,0	1*	-585
WSM1010302	1000	1000	300	2x410x96 / C	410	96	970	950	282	950	900	63,0	1*	-454
WSM1210302	1200	1000	300	2x410x96 / C	410	96	1170	950	282	1150	900	74,0	1*	-529
WSM1212302	1200	1200	300	2x510x96 / D	510	96	1170	1150	282	1150	1100	86,0	1*	-610
WSM1212402	1200	1200	400	2x510x96 / D	510	96	1170	1150	382	1150	1100	92,0	1*	-684
WSM1410302	1400	1000	300	2x410x96 / C	410	96	1370	950	282	1350	900	84,0	1*	-604

*3-point rod locking system

**max. radiated power of housing calculated as a wall mounted single fixed with $\Delta T = 35K$.

■ DIMENSIONED DRAWING WSM DOUBLE-DOOR



Article number	A [mm]	B [mm]	C [mm]	Flange/Type	O [mm]	P [mm]	U [mm]	V [mm]	W [mm]	U1 [mm]	V1 [mm]	kg	Number of locks	Radiant power loss [W]**
WSM6080302	600	800	300	2x310x96 / B	310	96	570	750	282	550	700	31,0	1*	-257
WSM8012302	800	1200	300	2x510x96 / D	510	96	770	1150	282	750	1100	48,0	1*	-439
WSM8012402	800	1200	400	2x510x96 / D	510	96	770	1150	382	750	1100	54,0	1*	-585
WSM1010302	1000	1000	300	2x410x96 / C	410	96	970	950	282	950	900	63,0	1*	-454
WSM1210302	1200	1000	300	2x410x96 / C	410	96	1170	950	282	1150	900	74,0	1*	-529
WSM1212302	1200	1200	300	2x510x96 / D	510	96	1170	1150	282	1150	1100	86,0	1*	-610
WSM1212402	1200	1200	400	2x510x96 / D	510	96	1170	1150	382	1150	1100	92,0	1*	-684
WSM1410302	1400	1000	300	2x410x96 / C	410	96	1370	950	282	1350	900	84,0	1*	-604

* 3-point rod locking system

** max. radiated power of housing calculated as a wall mounted single fixed with $\Delta T = 35K$.

WALL MOUNTED ENCLOSURES SHEET STEEL POWDER COATED WSM

DESCRIPTION	ORDER NO.
Wall mounted enclosures single door, RAL7035 (HxWxD)	
200x200x155, Flange 110x56 / 00	WSM2020150
250x200x155, Flange 110x56 / 00	WSM2520150
250x250x155, Flange 110x56 / 00	WSM2525150
300x250x155, Flange 110x56 / 00	WSM3025150
300x250x210, Flange 110x56 / 00	WSM3025210
300x300x155, Flange 210x56 / A0	WSM3030150
300x300x210, Flange 210x96 / A	WSM3030210
350x250x155, Flange 110x56 / 00	WSM3525150
400x300x155, Flange 210x56 / A0	WSM4030150
400x300x210, Flange 210x96 / A	WSM4030210
400x400x210, Flange 310x96 / B	WSM4040210
400x500x210, Flange 410x96 / C	WSM4050210
400x600x210, Flange 510x96 / D	WSM4060210
500x300x210, Flange 210x96 / A	WSM5030210
500x400x155, Flange 310x56 / B0	WSM5040150
500x400x210, Flange 310x96 / B	WSM5040210
500x400x300, Flange 310x96 / B	WSM5040300
500x400x260, Flange 310x96 / B	WSM5040260
500x500x210, Flange 410x96 / C	WSM5050210
500x500x300, Flange 410x96 / C	WSM5050300
600x400x155, Flange 310x56 / B0	WSM6040150
600x400x210, Flange 310x96 / B	WSM6040210
600x400x260, Flange 310x96 / B	WSM6040260
600x400x300, Flange 310x96 / B	WSM6040300
600x500x155, Flange 410x56 / C0	WSM6050150
600x500x210, Flange 410x96 / C	WSM6050210
600x500x260, Flange 410x96 / C	WSM6050260
600x500x300, Flange 410x96 / C	WSM6050300
600x600x210, Flange 510x96 / D	WSM6060210
600x600x300, Flange 510x96 / D	WSM6060300
600x600x400, Flange 510x96 / D	WSM6060400
600x800x300, Flange 2x310x96 / B	WSM6080300
700x500x210, Flange 410x96 / C	WSM7050210
700x500x260, Flange 410x96 / C	WSM7050260
800x400x300, Flange 310x96 / B	WSM8040300
800x600x210, Flange 510x96 / D	WSM8060210
800x600x260, Flange 510x96 / D	WSM8060260
800x600x300, Flange 510x96 / D	WSM8060300
800x600x400, Flange 510x96 / D	WSM8060400
800x800x210, Flange 2x310x96 / B	WSM8080210
800x800x300, Flange 2x310x96 / B	WSM8080300
800x800x400, Flange 2x310x96 / B	WSM8080400
1000x600x260, Flange 510x96 / D	WSM1006260
1000x600x300, Flange 510x96 / D	WSM1006300

WALL MOUNTED ENCLOSURES SHEET STEEL POWDER COATED WSM

DESCRIPTION	ORDER NO.
Wall mounted enclosures single door, RAL7035 (HxWxD)	
1000x800x260, Flange 2x310x96 / B	WSM1008260
1000x800x300, Flange 2x310x96 / B	WSM1008300
1000x800x400, Flange 2x310x96 / B	WSM1008400
1200x600x300, Flange 510x96 / D	WSM1206300
1200x800x300, Flange 2x310x96 / B	WSM1208300
1000x800x400, Flange 2x310x96 / B	WSM1008400
1200x600x300, Flange 510x96 / D	WSM1206300
1200x800x300, Flange 2x310x96 / B	WSM1208300
1200x800x400, Flange 2x310x96 / B	WSM1208400
Wall fastening flaps, galvanised (PU= 4pcs.)	WSMWB004
Wall mounted enclosures double door, RAL7035 (HxWxD)	
600x800x300, Flange 2x310x96 / B	WSM6080302
800x1200x300, Flange 2x510x96 / D	WSM8012302
800x1200x400, Flange 2x510x96 / D	WSM8012402
1000x1000x300, Flange 2x410x96 / C	WSM1010302
1200x1000x300, Flange 2x410x96 / C	WSM1210302
1200x1200x300, Flange 2x510x96 / D	WSM1212302
1200x1200x400, Flange 2x510x96 / D	WSM1212402
1400x1000x300, Flange 2x410x96 / C	WSM1410302
Wall fastening flaps, galvanised (PU= 4pcs.)	WSMWB004