

#### Benefits

- Plan and configure quickly, simply and conveniently with the SIMARIS ConFIGuration Basic software
- The wiring space behind the standard mounting rail is 15 mm and 48 mm, ensuring fast and easy wiring
- The door can be hinged on the right or left without tools
- Door opening angle of 180°
- The withdrawable device rack ensures easy and fast assembly. The generous wiring space and clearly arranged modular design reduce assembly times by approx. 20 %
- All plastic materials used can be recycled

#### Application

Due to the high degree of protection IP65, these small distribution boards can withstand harsh ambient conditions in both indoor and outdoor areas. Their resistance to dust and splashing water makes them ideal for use in a range of different application areas, such as car washes, farms, joiners' workshops, etc.

#### Special applications

Due to their large temperature operating range (-25 °C to +60 °C), UV radiation resistance and resistance to dust and splashing water, this small distribution board range is especially suitable for harsh ambient conditions.

#### Technical specifications

Rated current in A	Up to 63
Rated voltage in V AC	400
Rated insulation voltage acc. to IEC/EN 62208 (test values from IEC 61439-1) in AC / DC V	1000
Degree of protection	IP65
Safety class	2 (total insulation)
Color	Light gray RAL 7035
Temperature range	-20 °C to + 60 °C)
Impact strength	IK07
Mounting rail spacing	150 mm
Standard mounting rail	35 × 7.5 mm (EN 60715)
Device mounting depth	70 mm
Standards	EN 60439-3, IEC 60439-3

## Small Distribution Boards

SIMBOX WP Small Distribution Boards

IP65 Surface-Mounting Distribution Boards

### Surface-mounting distribution boards

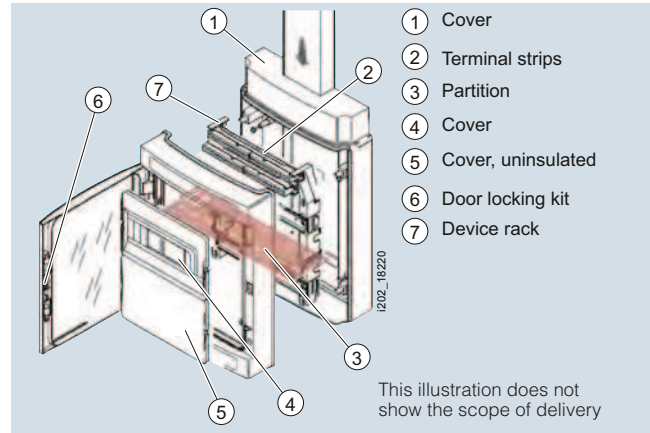
#### Overview

##### Characteristics





- In accordance with IEC 60439-3 and EN 61439-1/3
- Degree of protection IP65
- Can be used in outdoor areas (-20 °C to +60 °C)
- Safety class 2 (total insulation)
- UV-resistant
- Transparent doors
- Color: Light gray RAL 7035

##### Mounting instructions

- N/PE terminal strips must be ordered separately
- 1 blanking strip is provided for each tier
- For device mounting depth up to 70 mm









#### Selection and ordering data

Version	DT	Article No. <a href="http://www.siemens.com/product?Article.No.">www.siemens.com/ product?Article.No.</a>	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	
<b>Surface-mounting distribution boards</b>								
Type	External dimensions H x W x D in mm	Tiers x MW	② Slots N/PE terminal strips <sup>1)</sup> No. x Type					
 8GB1371-2	• 1-tier 210 x 143 x 100 210 x 215 x 100 260 x 298 x 140 285 x 410 x 140	1 x 4	--	<b>8GB1371-0</b> <b>8GB1371-1</b> <b>8GB1371-2</b> <b>8GB1371-3</b>	1	1 unit	1BO	0.531
		1 x 8	1 x 8GB2052-0		1	1 unit	1BO	0.702
		1 x 12	1 x 8GB2052-1		1	1 unit	1BO	1.514
		1 x 18	1 x 8GB2052-2		1	1 unit	1BO	2.112
 8GB1372-2	• 2-tier 420 x 298 x 140 463 x 410 x 140	2 x 12	2 x 8GB2052-1	<b>8GB1372-2</b> <b>8GB1372-3</b>	1	1 unit	1BO	2.352
		2 x 18	2 x 8GB2052-2		1	1 unit	1BO	3.746
 8GB1373-3	• 3-tier 655 x 410 x 140	3 x 18	2 x 8GB2052-2	<b>8GB1373-3</b>	1	1 unit	1BO	5.000
 8GB1374-3	• 4-tier 878 x 410 x 160	4 x 18	4 x 8GB2052-2	<b>8GB1374-3</b>	1	1 unit	1BO	8.080

<sup>1)</sup> Not included in delivery of the device.

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<b>① Covers</b>							
<ul style="list-style-type: none"> <li>For connection of conduit and cable duct entries</li> <li>Convenient snap-on mounting on the distribution board</li> </ul>							
 8GB2051-0							
MW							
• 12		<b>8GB2051-0</b>		1	20 units	1BO	0.131
• 18		<b>8GB2051-1</b>		1	20 units	1BO	0.214
<b>② N/PE terminal strips</b>							
For snapping onto device rack							
 8GB2052-0							
MW	N	$\perp$					
• 8	1 × 25 mm <sup>2</sup> + 7 × 10 mm <sup>2</sup>	1 × 25 mm <sup>2</sup> + 7 × 10 mm <sup>2</sup>	<b>8GB2052-0</b>	1	10 units	1BO	0.170
• 12	3 × 25 mm <sup>2</sup> + 10 × 10 mm <sup>2</sup>	3 × 25 mm <sup>2</sup> + 10 × 10 mm <sup>2</sup>	<b>8GB2052-1</b>	1	10 units	1BO	0.270
• 18	5 × 25 mm <sup>2</sup> + 14 × 10 mm <sup>2</sup>	5 × 25 mm <sup>2</sup> + 14 × 10 mm <sup>2</sup>	<b>8GB2052-2</b>	1	10 units	1BO	0.420
<b>③ Inner partitions</b>							
Horizontal							
 8GB2053-0							
MW							
• 12		<b>8GB2053-0</b>		1	10 units	1BO	0.062
• 18		<b>8GB2053-1</b>		1	10 units	1BO	0.104
<b>⑤ Front covers</b>							
 8GB2055-0							
MW							
• 12		<b>8GB2054-0</b>		1	20 units	1BO	0.090
• 18		<b>8GB2054-1</b>		1	20 units	1BO	0.213
<b>⑥ Safety cylinder locks</b>							
<ul style="list-style-type: none"> <li>With key</li> <li>Made of metal</li> </ul>							
 8GB2055-0		<b>8GB2055-0</b>		1	10 units	1BO	0.060
<b>Blanking strips</b>							
 8GB4671		<b>8GB4671</b>		1	10 units	1BO	0.027
<ul style="list-style-type: none"> <li>12 MW wide</li> <li>Color: Gray</li> <li>Knockouts enable easy cutting to required length</li> <li>With increased flame protection up to 850°C</li> </ul>							

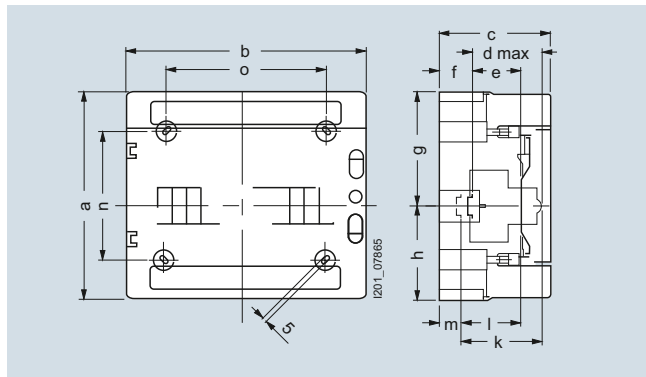
## Small Distribution Boards

SIMBOX WP Small Distribution Boards

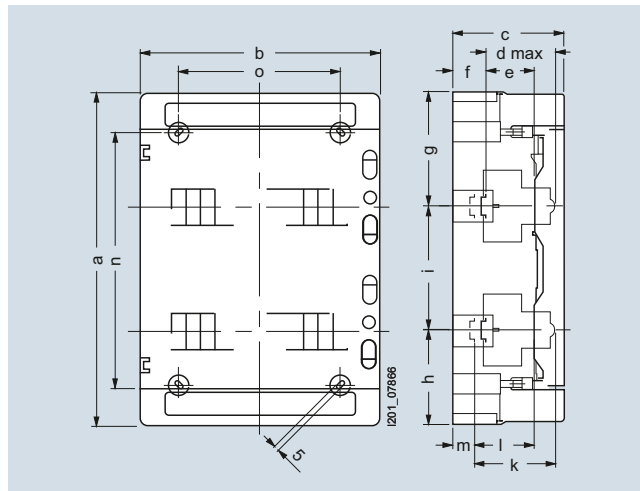
IP65 Surface-Mounting Distribution Boards

### Dimensional drawings

#### Dimensional drawings



1-tier 8GB1371-0, 8GB1371-1, 8GB1371-2, 8GB1371-3



2-tier 8GB1372-2, 8GB1372-3  
(3 and 4-tier versions not shown)

MW	Type	Dimensions													
		a	b	c	d <sub>max</sub>	e	f	g	h	i	k	l	m	n	o
1 × 4	8GB1371-0	210	148	100	75	48	15	105	105	--	--	--	--	156	87
1 × 8	8GB1371-1	210	215	100	75	48	15	105	105	--	--	--	--	110	115
1 × 12	8GB1371-2	260	298	140	75	48	48	117.5	142.5	--	102	75	21	161	200
1 × 18	8GB1371-3	285	410	140	75	48	48	117.5	142.5	--	102	75	21	185	310
2 × 12	8GB1372-2	420	298	140	75	48	48	147.5	122.5	150	102	75	21	320	200
2 × 18	8GB1372-3	463	410	140	75	48	48	155.5	131.5	150	102	75	21	210	293
3 × 18	8GB1373-3	655	410	140	75	48	48	162.5	142.5	175	102	75	21	363	319
4 × 18	8GB1374-3	878	410	160	75	48	48	175	155.5	175	102	75	21	394	319

a = Distribution board height

b = Distribution board width

c = Distribution board depth

g = Device mounting depth

h = Wiring space behind the standard mounting rail