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## System pro E energy Primo

Low voltage Distribution Board for Residential application

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## Introduction

PRIMO boards are available in Multi-row type, Way type, and solution for metering, the range of row type is up to 4 rows – 48 modules, and up to 16 ways for the way type, in addition to 4 sizes for metering type.



## General characteristics

### Construction characteristics

The construction characteristics of the series guarantee practical installation and versatility.

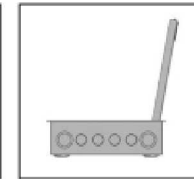
#### Range

The range is divided into 30 different dimensions: from H=30cm to 160cm, W=20cm to 80cm and D=15cm to 80cm. The enclosures can be installed either on the wall, or on the floor.



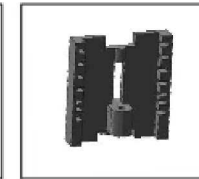
#### Reversible Door

PRIMO system comes with reversible door, the door can be hinged either to the left or right side depending upon the installer convenience.



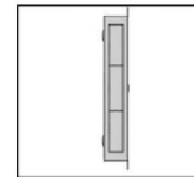
#### Wide Door Opening Angles

The series of sub distribution system offers impressive accessibility and ease of installation with 120 degree door opening angle.



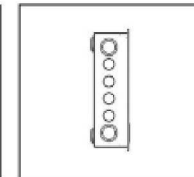
#### Adjustable din-rail

A new mechanism for adjusting the din-rail level to adapt with applications of installation.



#### Top and Bottom knockouts

The system is designed providing 3 different sizes knockouts on both top and bottom.



#### Wide knockouts at both sides

The system is providing accessibility of cable on both sides via wide rectangle knockouts.

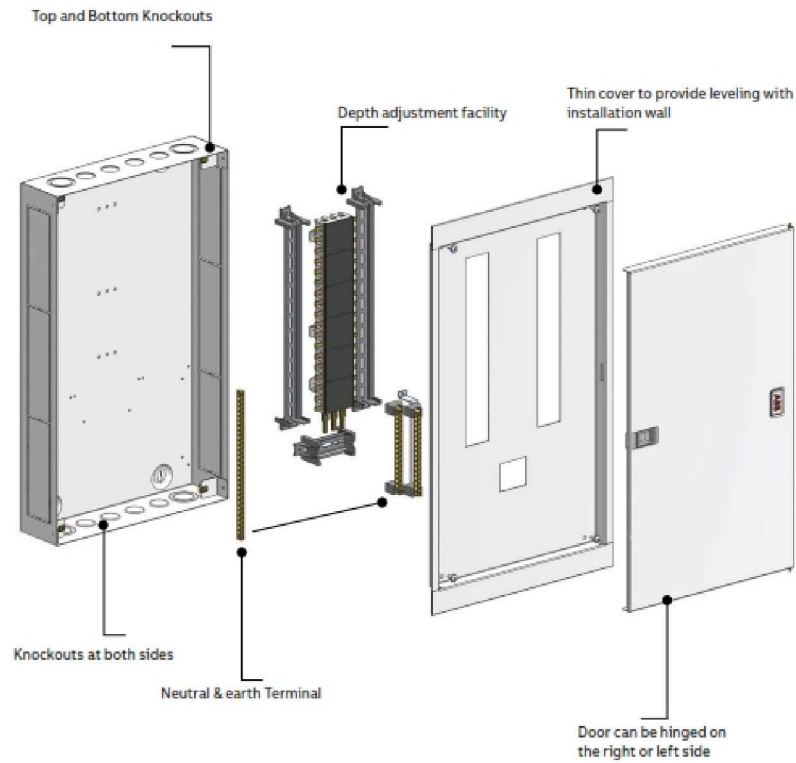


#### Delivered with N and PE bars

PRIMO system is delivered with Neutral and Earth bars providing holes for each outgoing

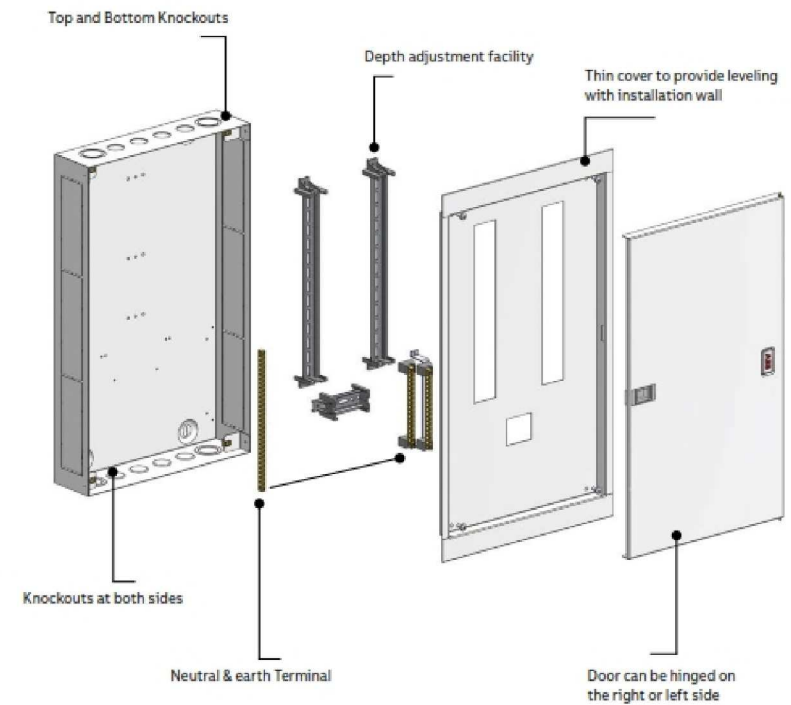
## System description

### Way type



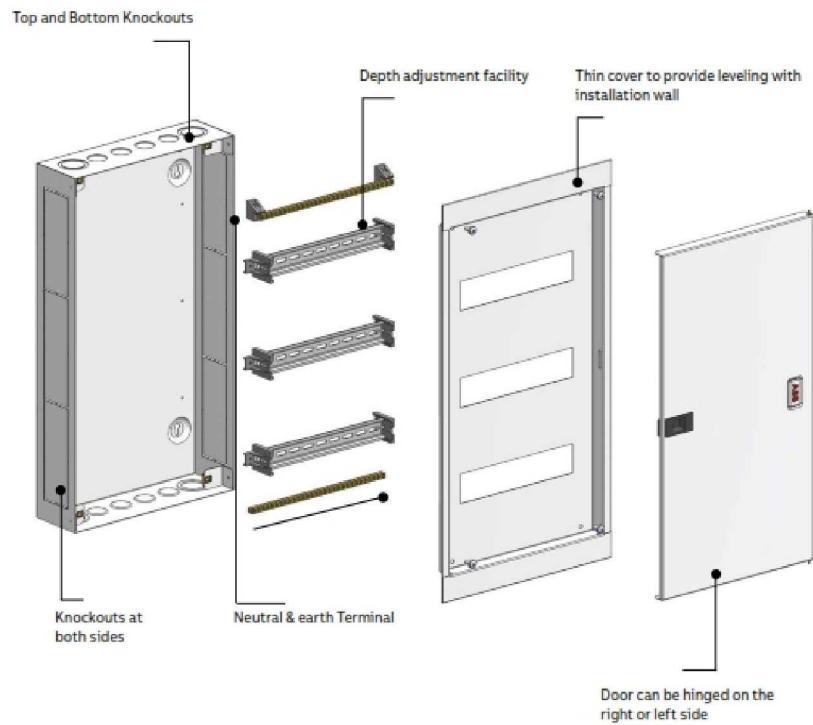
## System description

### Vertical type



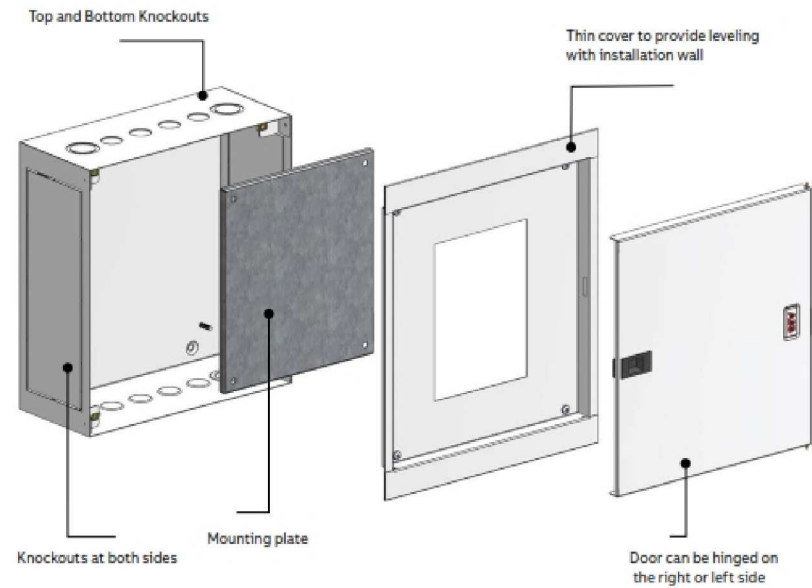
## System description

### Row type



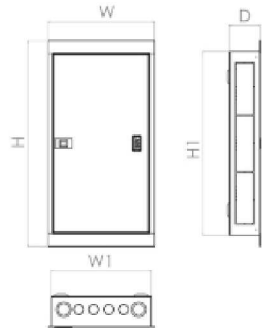
## System description

### Metering type



## Dimensions Details

### Flush type



Type code	H1	H	W1	W	D
EPR-W304F / EPR-V304F / EPR-W304FT / EPR-V304FT	380	450	350	370	90
EPR-W306F / EPR-V306F / EPR-W306FT / EPR-V306FT	430	500	350	370	90
EPR-W308F / EPR-V308F / EPR-W308FT / EPR-V308FT	480	550	350	370	90
EPR-W312F / EPR-V312F / EPR-W312FT / EPR-V312FT	580	655	350	370	90
EPR-W316F / EPR-V316F / EPR-W316FT / EPR-V316FT	690	760	350	370	90
EPR-R106F / EPR-R106FT	210	280	250	270	90
EPR-R110F / EPR-R110FT	210	280	250	270	90
EPR-R112F / EPR-R112FT	210	280	300	320	90
EPR-R120F / EPR-R120FT	210	280	370	390	90
EPR-R120F / EPR-R120FT	210	280	440	460	90
EPR-R236F / EPR-R236FT	360	430	300	320	90
EPR-R336F / EPR-R336FT	510	580	300	320	90
EPR-R448F / EPR-R448FT	660	730	300	320	90
EPR-3PHC / EPR-3PHCT	380	450	350	370	150
EPR-1PHC / EPR-1PHCT	300	370	230	250	130
EPR-3PHE / EPR-3PHET	380	450	350	370	90
EPR-3PHE / EPR-3PHET	300	370	230	250	90

### Surface type



Type code	H1	H	W1	W	D
EPR-W304S / EPR-V304S / EPR-W304ST / EPR-V304ST	380	380	350	350	90
EPR-W306S / EPR-V306S / EPR-W306ST / EPR-V306ST	430	430	350	350	90
EPR-W308S / EPR-V308S / EPR-W308ST / EPR-V308ST	480	480	350	350	90
EPR-W312S / EPR-V312S / EPR-W312ST / EPR-V312ST	580	580	350	350	90
EPR-W316S / EPR-V316S / EPR-W316ST / EPR-V316ST	690	690	350	350	90
EPR-R106S / EPR-R106ST	210	210	250	250	90
EPR-R110S / EPR-R110ST	210	210	250	250	90
EPR-R112S / EPR-R112ST	210	210	300	300	90
EPR-R116S / EPR-R120ST	210	210	370	370	90
EPR-R120S / EPR-R120ST	210	210	440	440	90
EPR-R236S / EPR-R236ST	360	360	300	300	90
EPR-R336S / EPR-R336ST	510	510	300	300	90
EPR-R448S / EPR-R448ST	660	660	300	300	90

## Technical properties

<b>Standard</b>	IEC 65 EN 61439 -1 & -3
<b>Max. load</b>	125 amps
<b>Max. voltage</b>	230 / 415 V ac, 50 / 60 Hz
<b>Range</b>	<b>Row type</b>
<b>No. of rows</b>	1, 2, 3, and 4 rows
<b>No. of modules</b>	6, 10, 12, 24, 36 and 48 modules
<b>Way type</b>	
<b>No. of ways</b>	4, 6, 8, 12, and 16 ways
<b>Metering type</b>	
<b>No. of meters</b>	3Ph and 1Ph Conventional and Electronic meters
<b>Degree of protection</b>	IP 41
<b>Enclosure material</b>	Cold rolled sheet steel, Box and cover 1 mm
<b>Enclosure finish</b>	Gray, RAL 7035