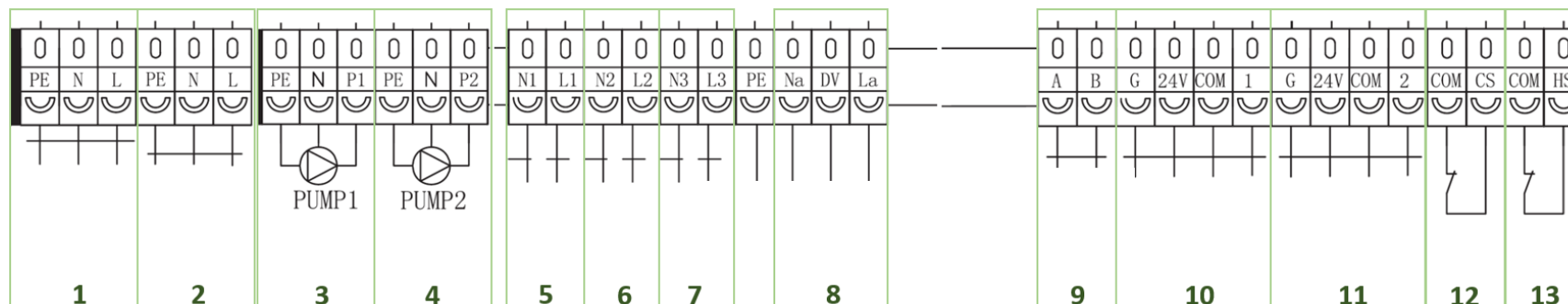


# Wire connections

Heat pump – NPH-V7-S

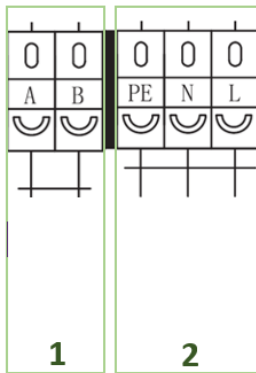


## ES Energy Save NPH-V7- Indoor unit



<b>1</b>	Power supply- Heat pump – 3 x 2,5 mm <sup>2</sup> ; Fuse – 1p/16A/C	
<b>2</b>	Power connection Indoor/Outdoor unit – 230V, 3 x 2,5 mm <sup>2</sup>	
<b>3</b>	Circulating pump 1 – Zone 1	
<b>4</b>	Circulating pump 2 – Zone 2	
<b>5</b>	Signal (230V) for back-up (Back-up for heating system and DHW mode)	
<b>6</b>	Signal (230V) for DHW	
<b>7</b>	Signal (230V) for heating system	
<b>8</b>	Diverting valve (3-Point – 230V)	Na = N DV = 230VAC Signal (in DHW mode) La = 230VAC permanent
<b>9</b>	Indoor/Outdoor communication – Shielded cable	In the package (20m)
<b>10</b>	Mixing valve – Zone 1	G = - 24V = 24VDC COM = - 1 = 0...10VDC Signal
<b>11</b>	Mixing valve – Zone 2	G = - 24V = 24VDC COM = - 2 = 0...10VDC Signal
<b>12</b>	Colling – external signal	Potential free signal
<b>13</b>	Heating – external signal	Potential free signal

### ES Energy Save NPH-V7- Outdoor unit



1	Power connection Indoor/Outdoor unit – 230V, 3 x 2,5 mm <sup>2</sup>	
2	Indoor/Outdoor communication – Shielded cable	In the package (20m)

For further information please visit our website or contact your local ES heat pump dealer.

Thank you for you purchase,  
Your ES Team