





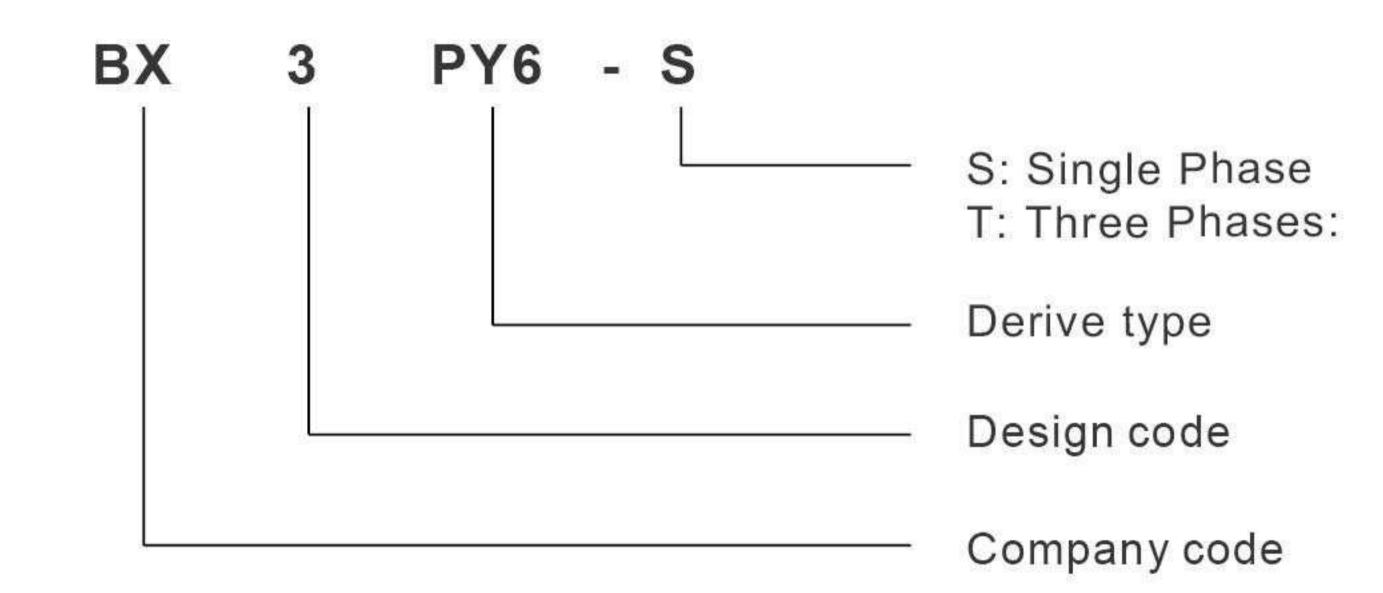
1.Function

Intelligent over-voltage, over-current automatic reclosing protector integrated over-voltage protection, under-voltage protection, over-current protection as one integrated intelligent circuit breaker, when there is over-voltage fault in the line, under-voltage fault over-current fault, etc. This product can cut off the power supply instantaneously and protect the electrical equipment from being burnt. When the line returns to normal, the protector can automatically supply power. The over-voltage value, under-voltage value, over-current value and delay value of this product can be set by themselves.

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2. Nomenclature



3. Specifications

Standard	BX3PY6-S	BX3PY6-T
Poles	1P+N	3P+N
Rated voltage	AC220V,AC230V	AC220V, AC230V
Rated frequency	50/60Hz	50/60Hz
Rated current	For 63A Frame: 1A-63A For 100A Frame: 10A-100A	For 63A Frame: 1A-63A For 100A Frame: 10A-100A
Over-voltage action cut-off value	AC300V	AC300V
Normal-voltage action cut-off value	AC240V	AC240V
Under-voltage action cut-off value	AC140V	AC140V
Normal-voltage action cut-off value	AC200V	AC200V
Overcurrent adjustable range	For 63A Frame: 1A-63A For 100A Frame: 10A-100A	For 63A Frame: 1A-63A For 100A Frame: 10A-100A
Overcurrent delay time	6s	6s
Adjustable startup delay time	1-300s	1-300s
Power-on delay after cut-off	5-300s	5-300s
Recovery delay after over-current	30-300s	30-300s
Installation	Installed on 35mm DIN Rail	Installed on 35mm DIN Rail
Mechanical life(times)	≥100,000	≥100,000
Storge temperature	-10°C to +50°C	-10°C to +50°C
Altitude(meters)	Max 2,000	Max 2,000



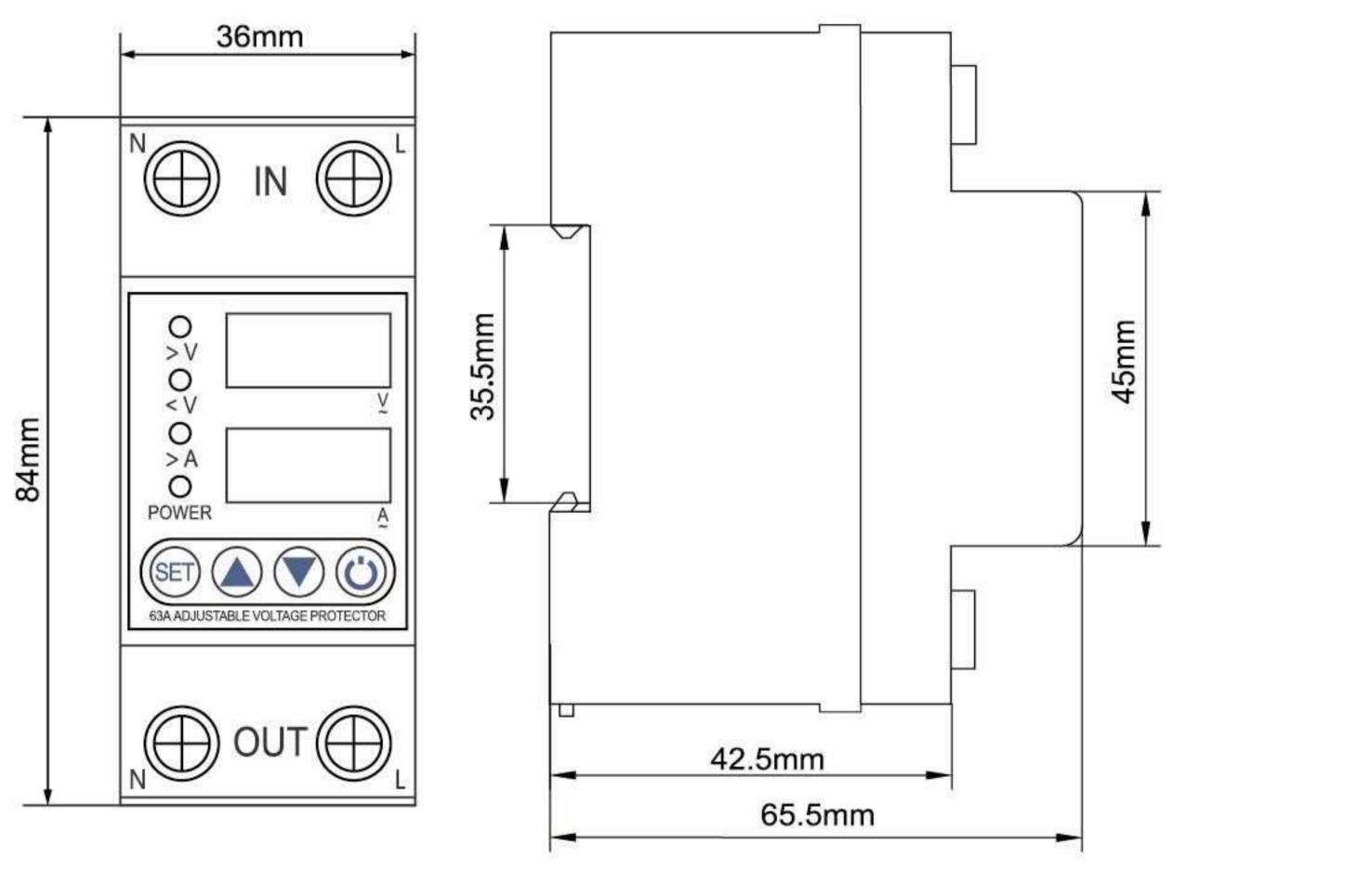
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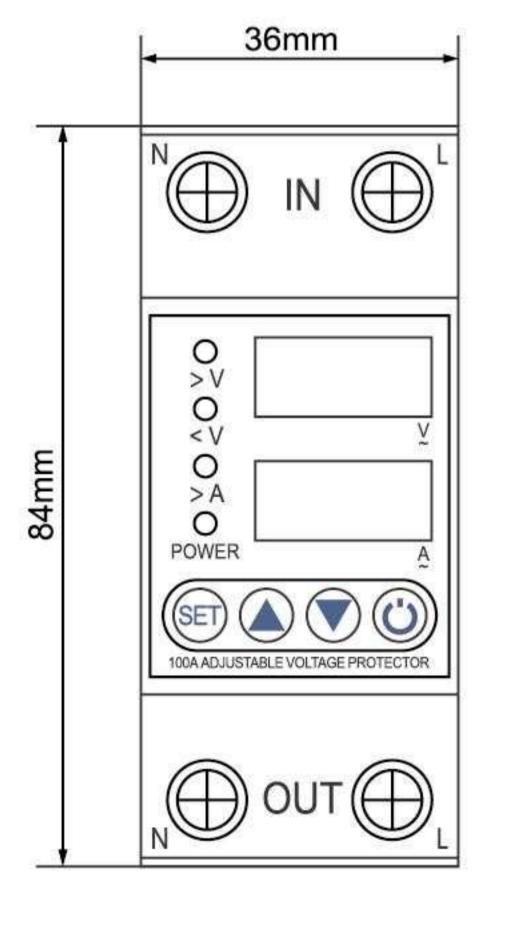
- □ Single-phase line break occurred when the line is under voltage, single-phase line voltage returns to normal by the delay automatically resets the line, without manual operation.
- □ Line instant or transient overvoltage occurs, the protector does not malfunction.
- □ Because of the contact line is not real voltage instability and other failures, or when a sudden power off and on, the protector does not pick up the line.
- □ Fault voltage is highest; the protector itself will not be damaged
- □ Protector inversely time operation characteristic, action time≤1s.
- □ Impulse withstand voltage: 4kV (Comply with III electricity safety standard).
- □ Protector has two-color LED indicates the working state, Green –ON normal voltage indication, Red -OFF under-voltage or Over-delayed instructions.
- Shape modular design, rail mounting

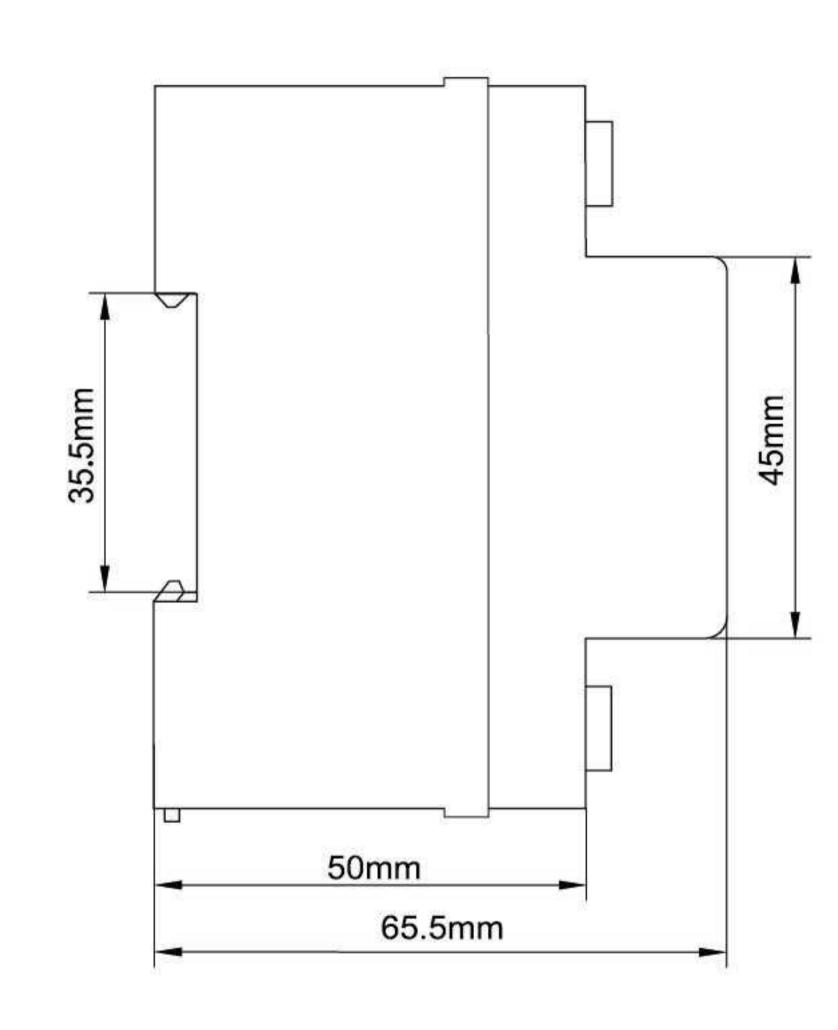
5.Note

- 'N' for natural line, 'L' for live line, cannot be connected in a wrong way.
- Please tighten the thread screw, prevent damage to the product before using.

6.Dimensions







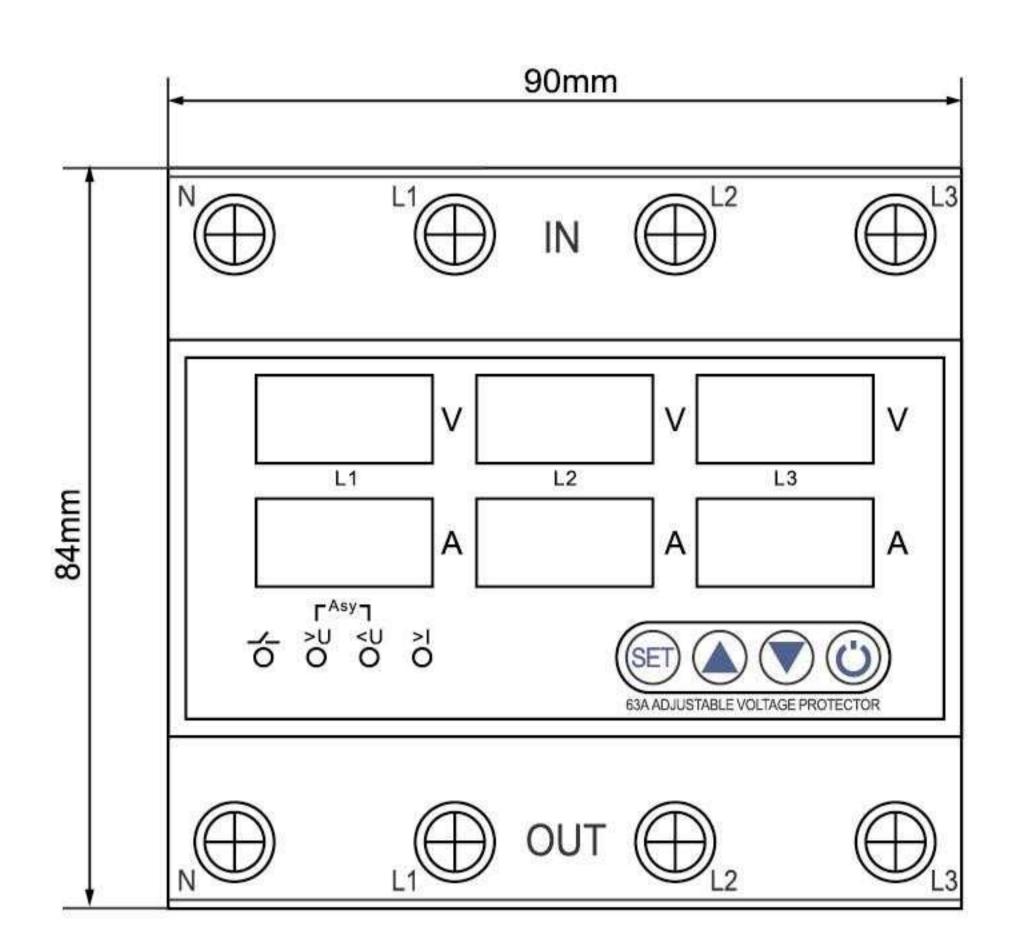
BX3PY6-S 63A BX3PY6-S 100A

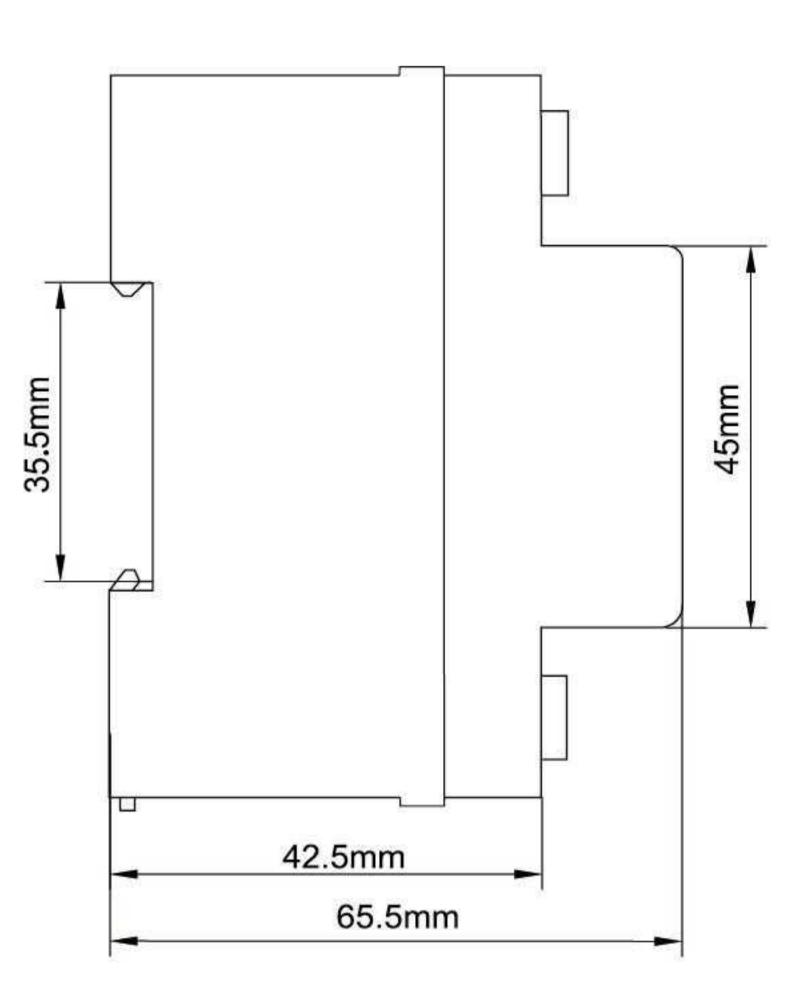
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BX3PY6-S BX3PY6-T Self-recovery Over & Under Voltage Delay Protector

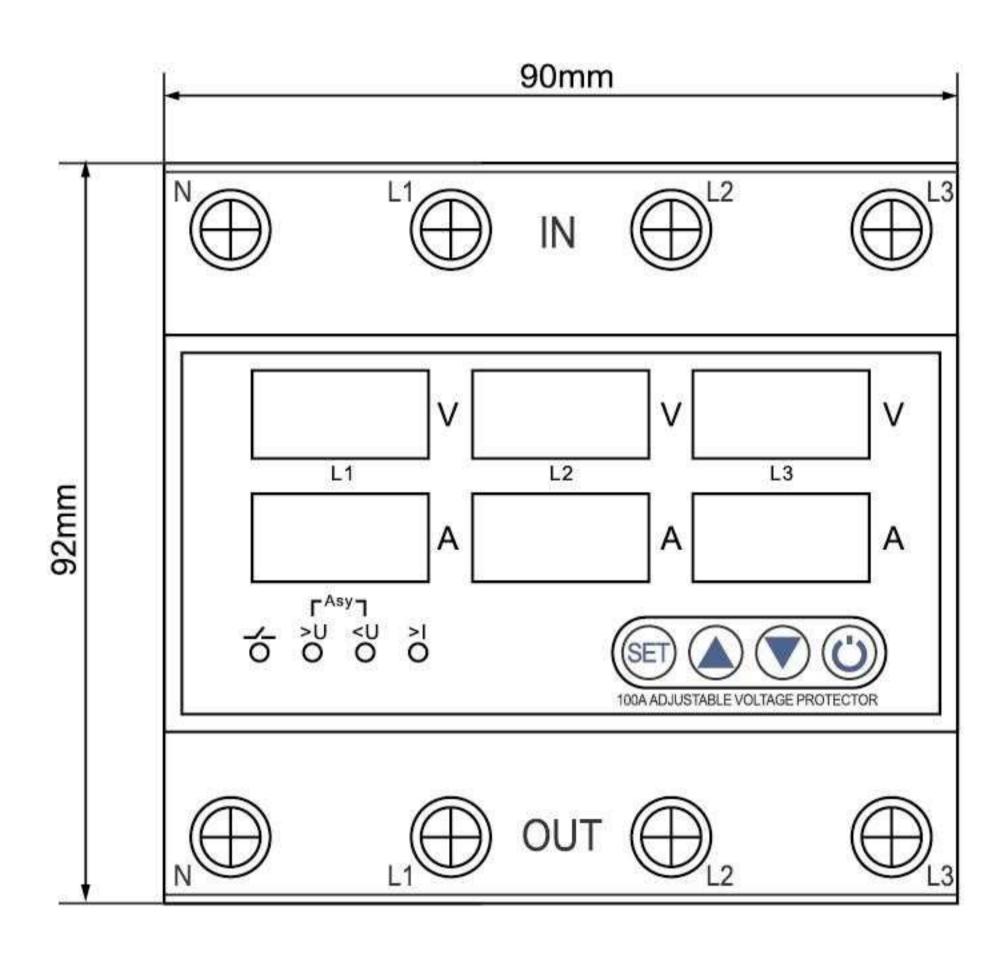


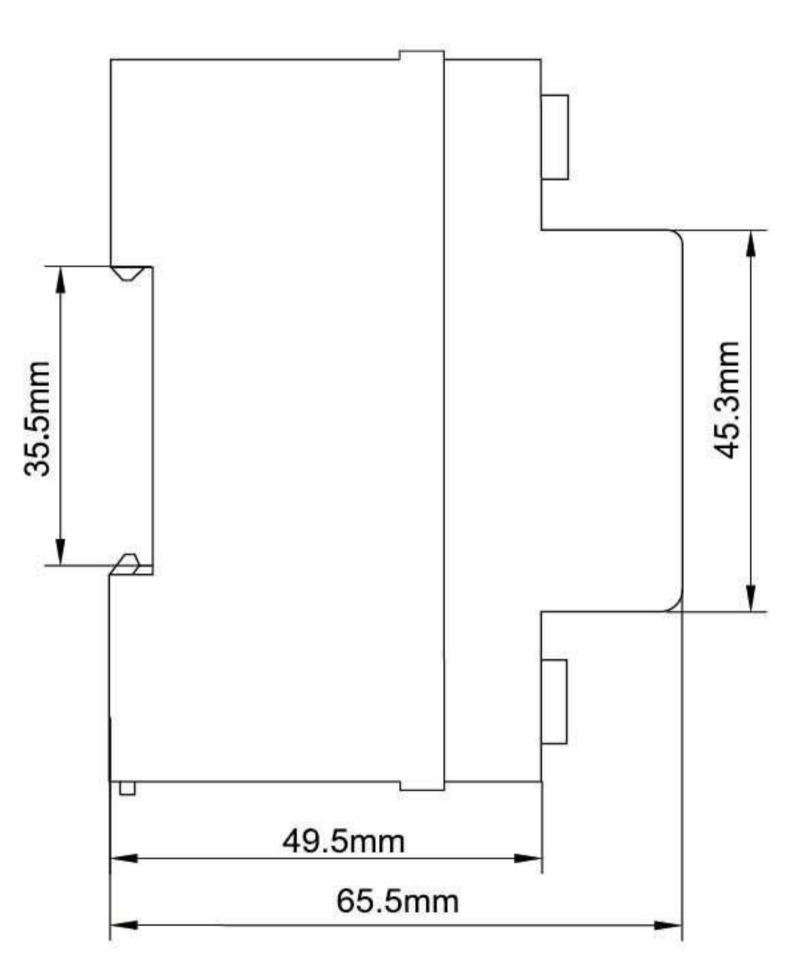






BX3PY6-T 63A





BX3PY6-T 100A

7. Order Note

Following items should be marked when ordering	Ordering sample
Product name, model	To order the BX3PY6-S series over & under voltage protector,
Circuit type, single-phase or three-phase	single-phase, rated current is 63A, product width is 36mm, and
Product width	quantity is 100 pieces, should be marked:
Rated current	BX3PY6-S-63, 100PCS.
Quantity	

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