

Characteristic:

The transformer integrates an internal transistor with a switching point at AC 2A.
When the current exceeds 2A, the output transistor turns on (low level);
when the current drops below approximately 1.5A, the output transistor turns off (high level).
The wire only needs to pass through the transformer, and multiple turns can proportionally
reduce the switching point—for example, 4 turns will lower it to 0.5A.
This product requires no external power supply.

Technical index:

Mounting type: Free hanging (In-Line)
Flame resistance : UL94-V0
Operating temperature: -20℃ ~ +55℃
Storage temperature: -30℃ ~ +60℃
Frequency range: 30Hz-70Hz
Dielectric strength: 2.7KV 50Hz 1min
Weight: 45g

Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

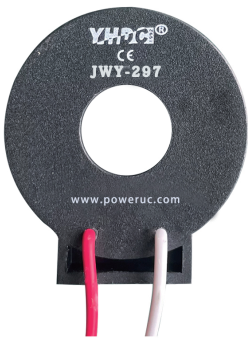
Action parameters	
Operating current	2A AC
Maximum current	100A
Hysteresis current	1.5A
Accuracy	5%

Output parameters	
Conversion voltage	max. 40V DC
Maximum current	max. 40mA DC
Pressure drop (conduction)	max. 3V
Leakage current (off)	max. 0.6mA

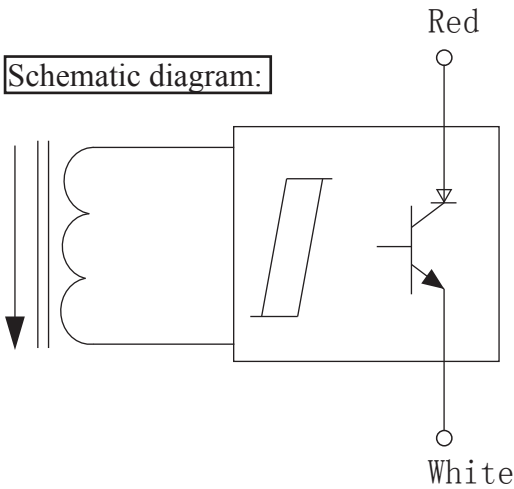
Delay parameter	
Conduction	50mS
Turn off	50mS~200mS

Frequency parameter	
Nominal frequency	50Hz
Frequency range	30Hz~70Hz

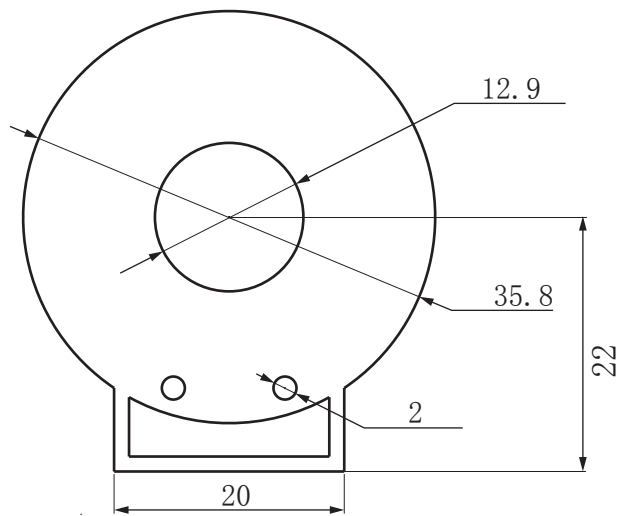
Product picture : (the printed words are for reference only, subject to the actual product)



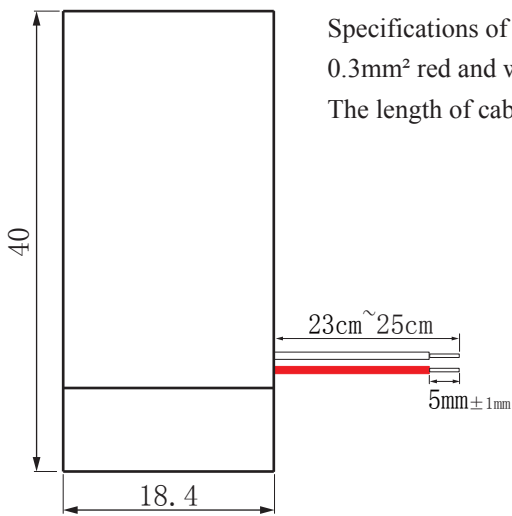
Schematic diagram:



Dimensions (in mm ± 0.5) :



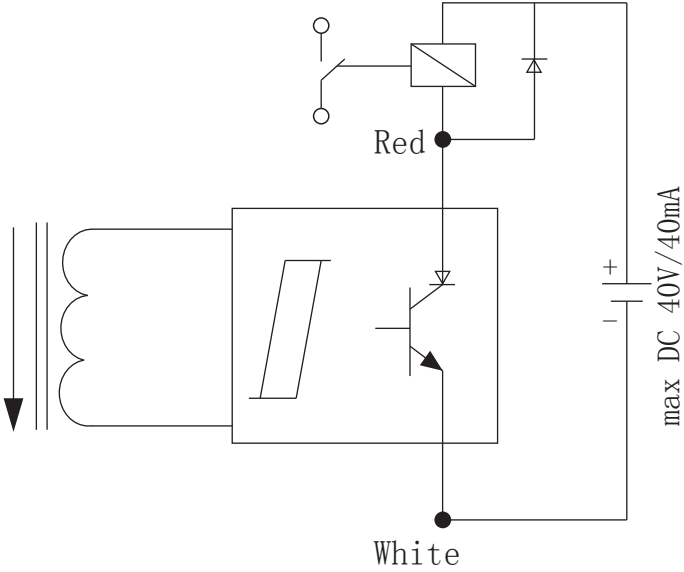
Front view



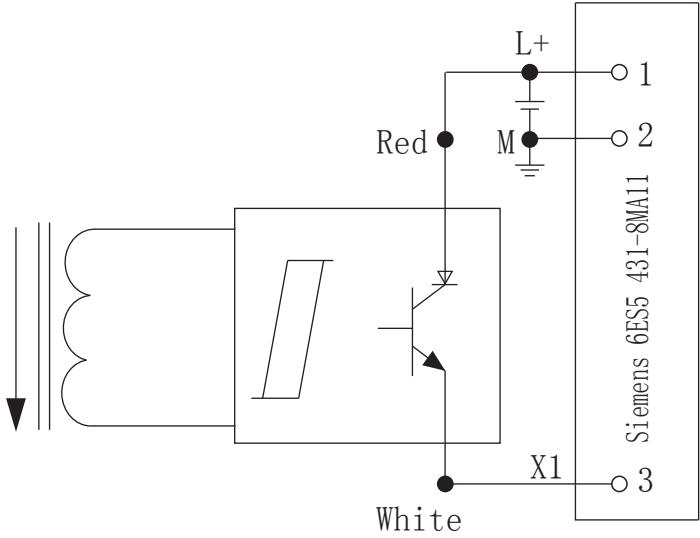
Side view

Specifications of cable:
0.3mm² red and white soft wire
The length of cable: 23cm~25cm

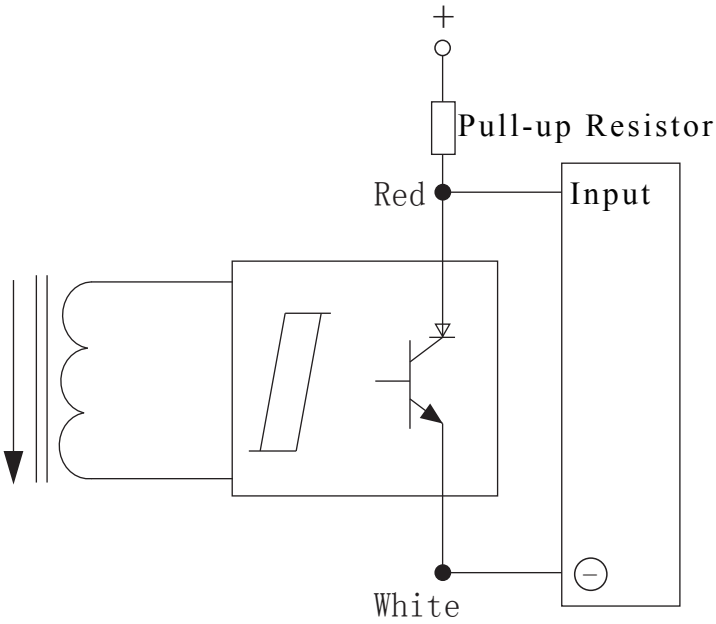
Connection to relay:



Connection to digital input PLC:



Connection to digital input device:



Connection to digital input device:

