

# FATECH ELECTRONIC (CHINA) LTD

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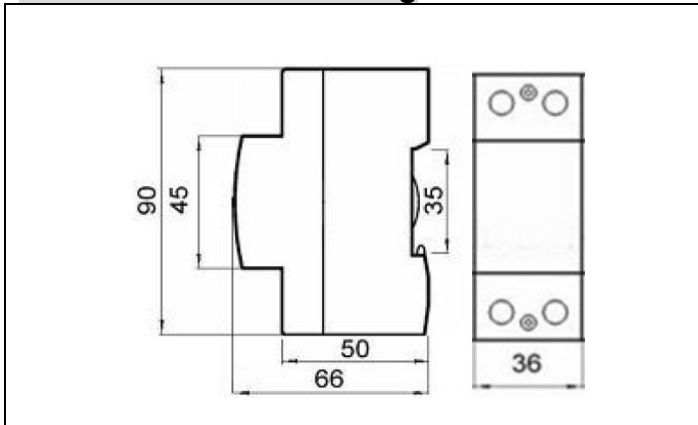
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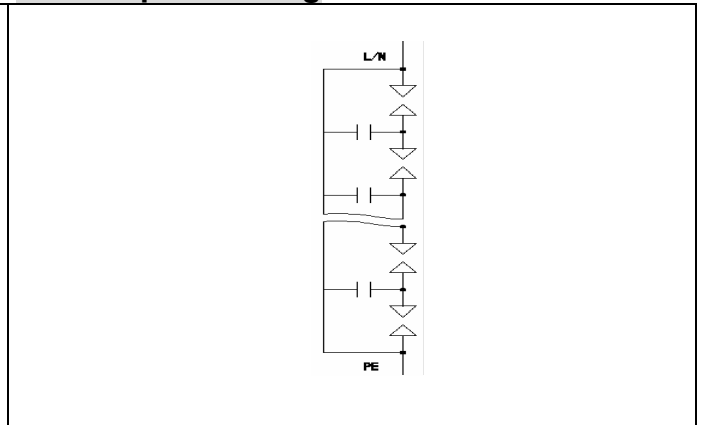
## SPECIFICATION SHEET

Model No.	Your Ref. No.	Date	Version
<b>FV50B/1-255</b>		2010-5-17	A-2

### 1. Basic Structure Drawing



### 2. Principle Drawing



### 3. Technical parameters

Model No.	FV50B/1-255	
Test class according to IEC61643-1:2005	I	
Nominal voltage	$U_N$	230VAC, 50(60)Hz
Max. Cont. Operating Voltage)	$U_c$	255VAC
Impulse Current (10/350 $\mu$ s)	$I_{imp}$	50kA/Pole
Nominal discharge current (8/20 $\mu$ s)	$I_n$	25kA/Pole
Voltage protective level at $I_n$	$U_p$	$\leq 1.5$ kV
Response time	$t_A$	$\leq 100$ ns
Recommended back-up fuse	250A	
Protection mode	N-PE	
Follow current extinguish capacity	100A	
Temporary Over voltage	1200V min. for 200ms	
I/O Connections	By screw terminal: 10-35mm <sup>2</sup> By connection bus	
Mounting	Symmetrical rail (EN50022/DIN46277-3)	
Operation temperature range / RH	-25 $^{\circ}$ C ~ +85 $^{\circ}$ C / 95%	
Degree of protection	IP20	
Encapsulated	Encapsulated	
Housing material	UL94V0	
Remote control contact	Without	
Color	Gray	