



## Guaranteed Technical Specifications of Hykon Power Guards

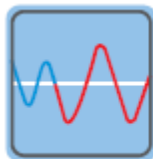
### TV Guard

Protection for TV • LCD/Plasma screens • Hi-fi/Media centres

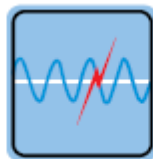
#### Technical Specifications



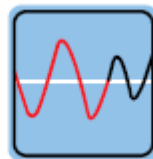
• Nominal Voltage	230V
• Current Rating	5Amps
• Frequency	50/60Hz
• Mains Spike response Time	>10ns
• Mains Spike Discharge Amps	6.5A
• Spike Protection	160J
• Wait time	5 seconds
• High Cut Voltage	265V
• High Cut Reconnect	225 V
• High Cut reconnect span	10V



High Voltage



Spikes/Surges



Power-Back Surges



Basic Lightning

#### TVGUARD CONNECTION DIAGRAM





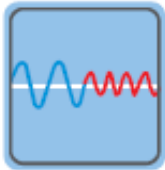
## Fridge Guard

**Protection for Fridges • Freezers • Coolers**

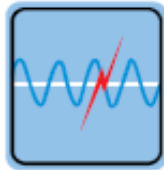


### Technical Specifications

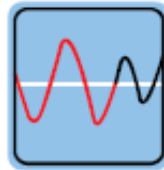
- |                              |          |
|------------------------------|----------|
| • Nominal Voltage            | 230V     |
| • Current Rating             | 5Amps    |
| • Frequency                  | 50/60 Hz |
| • Starting response time     | 5 secs   |
| • Main Spike Response Time   | <10ns    |
| • Mains Spike Discharge Amps | 6.5A     |
| • Low voltage cut off        | 160V     |
| • Low voltage reconnect      | 170V     |
| • Low cut reconnect span     | 10V      |



Low Voltage



Spikes/Surges



Power-Back Surges



Basic Lightning

### FRIDGE GUARD CONNECTION DIAGRAM



Protection for fridges, freezers, pumps and all motor equipments.



## AC Guard

**Protection for Air conditioners • All electrical and electronic appliances**

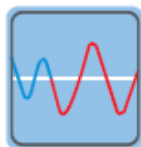
### Technical Specification



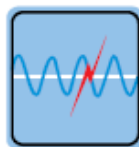
Current Rating	16Amps
Over Voltage Disconnect	264
Under Voltage Disconnect	185
High cut Reconnect	254V
Low cut reconnect	195V
Re connect wait	4 min
Mains Disconnect response Time	Over Voltage : 0.5sec Under voltage : 2.0sec
High Voltage hysteresis	2V
Low Voltage hysteresis	5V
Mains surge response time	<10ns
Mains spike /surge discharge	6.5kA
Frequency	50/60Hz
Spike protection	160J
Indications : 3LEDs	1. Red: voltage bad – Load off 2. Yellow: voltage Good –wait 3. Green : voltage good –load on 4. NO LEDs: No Voltage , Power Off
Max. Cable Size	6mm <sup>2</sup>
IP Rating	IP32E
Enclosure material	ABS
IEC Standards	05
Dimension	Un Packed 140 x 90 x 78mm Packed 245 x 150 x 80mm
Weight	400Gm



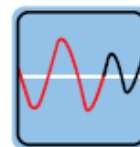
Low Voltage



High Voltage



Spikes/Surges



Power-Back Surges



Basic Lightning

### AC GUARD CONNECTION DIAGRAM

