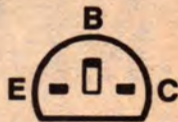


Here are the transistor specifications:

Type	Case	Polarity	Vce	Vcb	Ic (mA)	Hfe	Ft (MHz)	Power (mW)	Equivalent
BC237	TO-92	NPN	45	45	100	120-220	250	220	BC107
BC238	TO-92	NPN	20	20	100	120-220	250	220	BC108
BC307	TO-92	PNP	45	50	100	75 min	150	300	BC157
BC558	TO-92	PNP	25	30	100	180 min	150	500	BC158

the alarm to be triggered. This would mean that on overcast days when there is sometimes light intermittent "sprinkling" the unit could be triggered by just one drop, constituting a "false alarm". By having three grids, a minimum of two raindrops is required to trigger the unit — the two raindrops have to "bridge" appropriate copper strips for triggering to occur. This feature, in combination with the sensitivity control, allows the unit's sensitivity to be set for reliable triggering on anything from a light shower to quite a heavy downpour.

**Follow this diagram
when wiring transistors
into circuit**



Make sure that you solder the transistors into circuit with the correct lead configuration. An incorrectly wired transistor will not only refuse to function, but may be damaged as well. The above diagram shows the lead configuration of the offer transistors as viewed from below.