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▶ **VT Series Photocells**

Photocells or Light Dependent Resistors can provide a very economic and technically superior solution for many applications where the presence or absence of light is sensed (digital operation) or where the intensity of light needs to be measured (analog operation).

Features

- Lowest-cost visible detector
- Available in low-cost plastic-encapsulated packages as well as hermetic packages (TO-46, TO-5, TO-8)
- Responsive to both very low light levels (moonlight) and to very high light levels (direct sunlight)
- Wide dynamic range: resistance changes of several orders of magnitude between "light" and "no light"
- Low noise distortion
- Maximum operating voltages of 50 to 400 volts are suitable for operation on 120/240 VAC
- Available in center-tap dual-cell configurations as well as specially selected resistance ranges for special applications
- Easy to use in DC or AC circuits
- Usable with almost any visible or near-infrared light source such as LEDs; neon; fluorescent, incandescent bulbs, lasers; flame sources; sunlight; etc.
- Available in a wide range of resistance values

VT200 TO-46 Single Element

- [VT20N1 - VT20N1](#)
- [VT20N2 - VT20N2](#)
- [VT20N3 - VT20N3](#)
- [VT20N4 - VT20N4](#)
- [VT23N1 - VT23N1](#)
- [VT23N2 - VT23N2](#)
- [VT23N3 - VT23N3](#)

VT300 TO-5 Dual Element


- [VT30CT - VT30CT](#)
- [VT33CT - VT33CT](#)

VT300 TO-5 Single Element

- [VT30N1 - VT30N1](#)



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- [Datasheets](#)
- [Application Notes](#)
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 **Related Links**

- [Photocell and Analog Optoisolator Data Book](#)
- [Introduction To Photocells](#)
- [Photocell Application Notes](#)
- [How To Specify A Low Cost Photocell](#)

- VT30N2 - VT30N2
- VT30N3 - VT30N3
- VT30N4 - VT30N4
- VT33N1 - VT33N1
- VT33N2 - VT33N2
- VT33N3 - VT33N3

VT400 1/2" Ceramic Single Element

- VT43N1 - VT43N1
- VT43N2 - VT43N2
- VT43N3 - VT43N3
- VT43N4 - VT43N4

VT500 TO-8 Single Element

- VT50N1 - VT50N1
- VT50N2 - VT50N2
- VT50N3 - VT50N3
- VT53N1 - VT53N1
- VT53N2 - VT53N2
- VT53N3 - VT53N3

VT800 1/4" Ceramic Dual Element

- VT83CT - VT83CT

VT800 1/4" Ceramic Single Element

- VT80N1 - VT80N1
- VT80N2 - VT80N2
- VT83N1 - VT83N1
- VT83N2 - VT83N2
- VT83N3 - VT83N3
- VT83N4 - VT83N4

VT900 3/16" Ceramic Single Element

- VT90N1 - VT90N1
- VT90N2 - VT90N2
- VT90N3 - VT90N3
- VT90N4 - VT90N4
- VT935G - VT935G
- VT93N1 - VT93N1
- VT93N2 - VT93N2
- VT93N3 - VT93N3
- VT93N4 - VT93N4

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