

# PRK49C.UC1/TS-TB Cut Sheet



Leuze photoelectric sensor, rectangular, polarized retroreflective, visible red, 24m sensing distance, complementary light-on/dark-on, SPDT EM relay, pushbutton and potentiometer, 5-wire, terminal chamber.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/PRK49C.UC1/TS-TB>

## Technical Specifications

|                   |                                          |
|-------------------|------------------------------------------|
| Brand             | Leuze                                    |
| Item              | Photoelectric sensor                     |
| Shape             | Rectangular                              |
| IP Rating         | IP67                                     |
| Application       | AC powered, long range and standard duty |
| Housing Size      | 31 x 104 x 55.5mm body                   |
| Housing Material  | Polycarbonate                            |
| Sensing Method    | Polarized retroreflective                |
| Operating Voltage | 20–250 VAC/VDC                           |
| Switching Output  | SPDT EM relay                            |

|                        |                                |
|------------------------|--------------------------------|
| Sensing Distance       | 24m                            |
| Operation Mode         | Complementary light-on/dark-on |
| Switching Frequency    | 25 Hz                          |
| Light Emission         | Visible red                    |
| IO-Link Compatible     | No                             |
| Sensitivity            | Yes                            |
| User Interface         | Pushbutton and potentiometer   |
| Connection             | Terminal chamber               |
| Number of Wires        | 5                              |
| Additional Information | Purchase reflector separately  |

## Agency Approvals

|                      |                                        |
|----------------------|----------------------------------------|
| UL Listed File #     | E203683                                |
| UL Recognized File # | None                                   |
| UL Hazardous File #  | None                                   |
| CE                   | <a href="#">View CE declarations</a>   |
| CSA File #           | None                                   |
| RoHS Status          | Yes (See CE Doc)                       |
| EU REACH             | <a href="#">View EU REACH document</a> |

## Dimensional Drawings



2D Drawing PDF Link:  
[https://cdn.automationdirect.com/static/drawings/2d/PRK49C.UC1\\_TS-TB.pdf](https://cdn.automationdirect.com/static/drawings/2d/PRK49C.UC1_TS-TB.pdf)  
See store item page for other formats.