



# Photoswitch

Contact Configuration  
Universal Power Supply  
2LED Status Indicators  
SPDT

Rate Current 16A  
Only 17.5 mm Wide  
DIN Rail Mountable  
CE RoHS Compliant

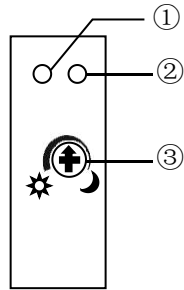


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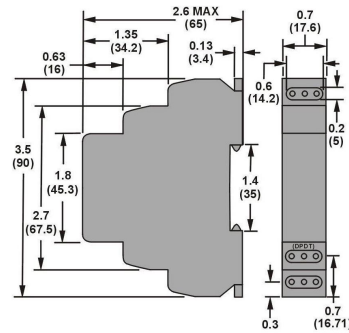
The YX3110 series controls closing of a contact when brightness decreases and drops below the selected threshold. It controls opening of a contact when brightness increases and rises above the selected threshold.



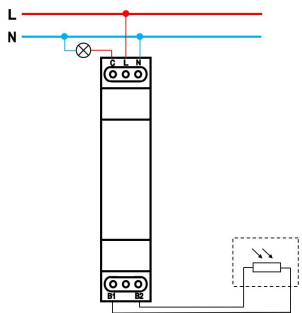
YX3110220: AC220V  
YX3110110: AC110V  
YX3120220: AC220V  
YX3120110: AC110V

① Power Indicator  
② Work Indicator  
③ Sensitivity Adjustment Knob

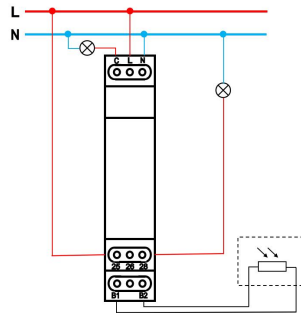
## DIMENSIONS INCHES(MILLIMETERS)



## WIRING DIAGRAMS



YX3110\*\*\*



YX3120\*\*\*



YX3110/3120 series	Lighting
2300 W	Incandescent lamp 230 V
2300 W	Halogen lamp 230 V
2300 VA	Fluorescent tube
8 × 40W (4.7μF) 6 × 58W (7μF) 2 × 100W (18μF)	Parallel compensated fluorescent tube, max. 400 W (42 μF)
12 × 7W, 8 × 11W, 4 × 20W	Compact fluorescent lamp (CFL), max. 90 W
1000 VA	Non-corrected mercury vapour lamp
400 VA (42 μF)	Parallel-corrected mercury vapour lamp
1000 VA	Non-corrected sodium vapour lamp
400 VA (42 μF)	Parallel-corrected sodium vapour lamp
20 W	LED up to 2 W
55 W	LED between 2 W and 8 W

- Switching capacity:
  - 16 A / 250 Va cos φ = 1
  - 10 A / 250 Va cos φ = 0.6
- Degree of protection as per EN 60529: IC100: IP20, cell: IP54.
- Class of protection : class II as per EN 60669.
- Connection:
  - YX3110 : by tunnel terminals for cables up to 6 mm<sup>2</sup>
  - cell: by double insulation 2-conductor cable,max. length: 25 m, not to be placed with power cables or water pipes.
- Operating temperature: -25° C to +50° C.