



Photoswitch

Contact Configuration
Universal Power Supply
2LED Status Indicators
SPDT

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

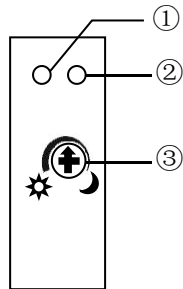


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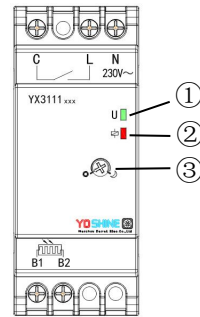
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The YX31 series controls closing of a contact when brightness decreases and drops below the selected threshold. It controls opening of a contact when brightness increases and rises above the selected threshold.



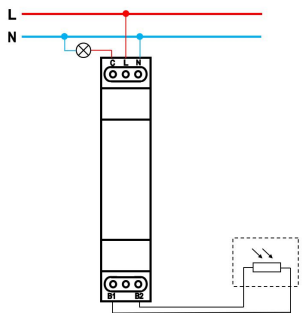
YX3110220: AC220V
YX3110110: AC110V
YX3120220: AC220V
YX3120110: AC110V

① Power Indicator
② Work Indicator
③ Sensitivity Adjustment Knob

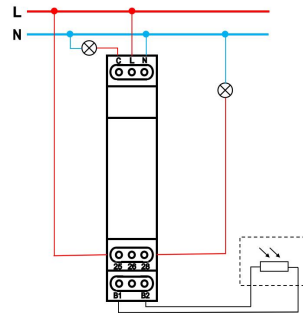


YX3111220: AC220V
YX3111110: AC110V

WIRING DIAGRAMS



YX3110*** YX3111***



YX3120***



YX3110/3120	YX3111	Lighting
2300 W	5500W	Incandescent lamp 230 V
2300 W	5500W	Halogen lamp 230 V
2300 VA	5500	Fluorescent tube
8 × 40W (4.7μF) 6 × 58W (7μF) 2 × 100W (18μF)	15 × 40W (4.7μF) 10 × 58W (7μF) 4 × 100W (18μF)	Parallel compensated fluorescent tube, max. 400 W (42 μF)
12 × 7W, 8 × 11W, 4 × 20W	20 × 7W, 15 × 11W, 8 × 20W	Compact fluorescent lamp (CFL), max. 90 W
1000 VA	1800 VA	Non-corrected mercury vapour lamp
400 VA (42 μF)	700 VA (42 μF)	Parallel-corrected mercury vapour lamp
1000 VA	1800 VA	Non-corrected sodium vapour lamp
400 VA (42 μF)	700 VA (42 μF)	Parallel-corrected sodium vapour lamp
20 W	40 W	LED up to 2 W
55 W	90 W	LED between 2 W and 8 W

- Switching capacity:
YX3110/3120: ♥ 16 A / 250 Vac cos φ = 1 ♥ 10 A / 250 Vac cos φ = 0.6
YX3111: ♥ 25 A / 250Vac cos φ = 1 ♥ 20 A / 250 Vac 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:
 - by tunnel terminals for cables up to 6 mm²
 - 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.