

Usage Manual



PHOTOSWITCH

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Thank you for choosing EK Series Photoswitch. Please read this manual before installation, operation and maintenance.

STANDARD AND QUALITY CERTIFICATES



Contact Configuration
Universal Power Supply
2LED Status Indicators
SPDT

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

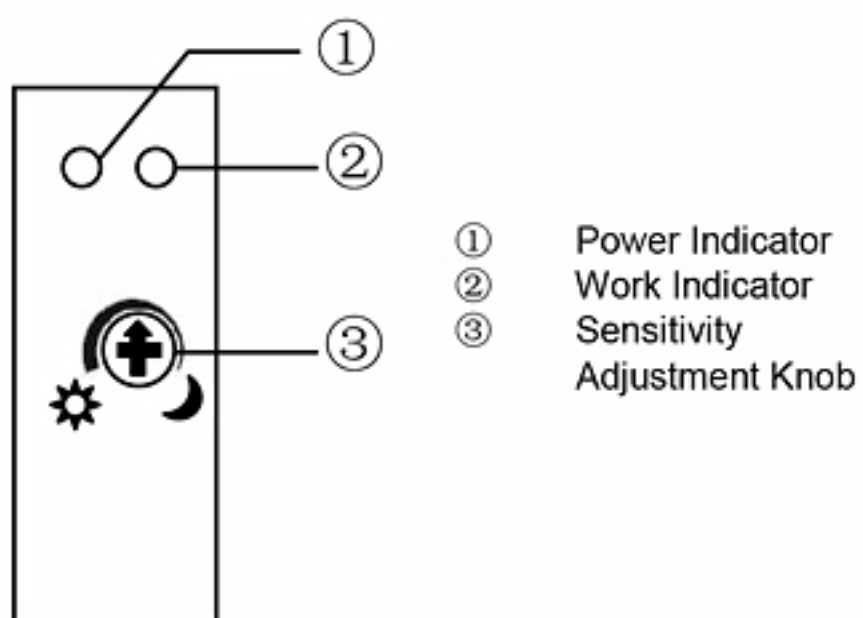
Technical Data

EKR8-3110	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 μ F)
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

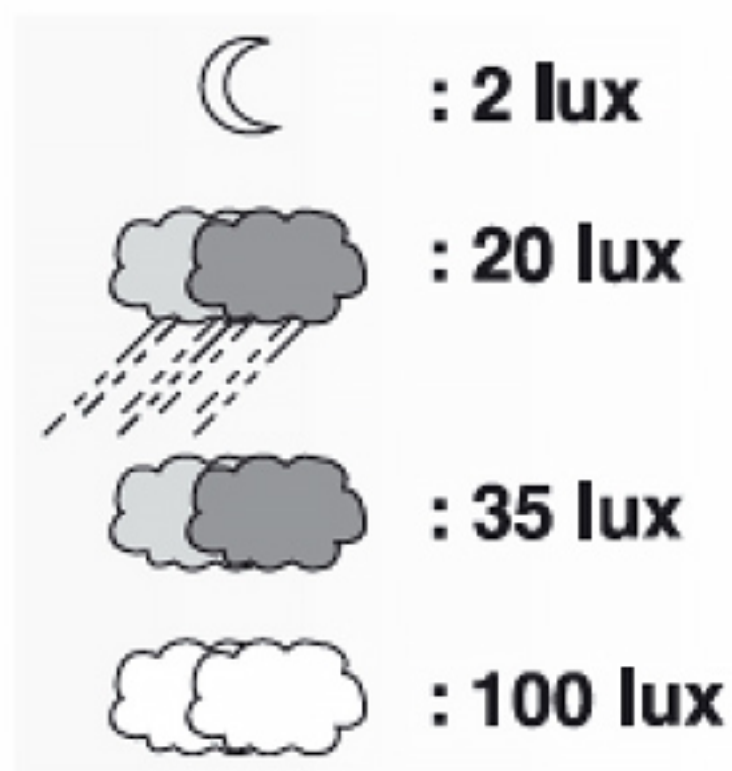
400 VA (42 μ F)	Parallel-corrected sodium vapour lamp
20 W	LED up to 2 W
55 W	LED between 2 W and 8 W

- Switching capacity:
 - 16 A / 250 V_a cos ϕ = 1
 - 10 A / 250 V_a 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:
 - EKR8-3110 : 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.

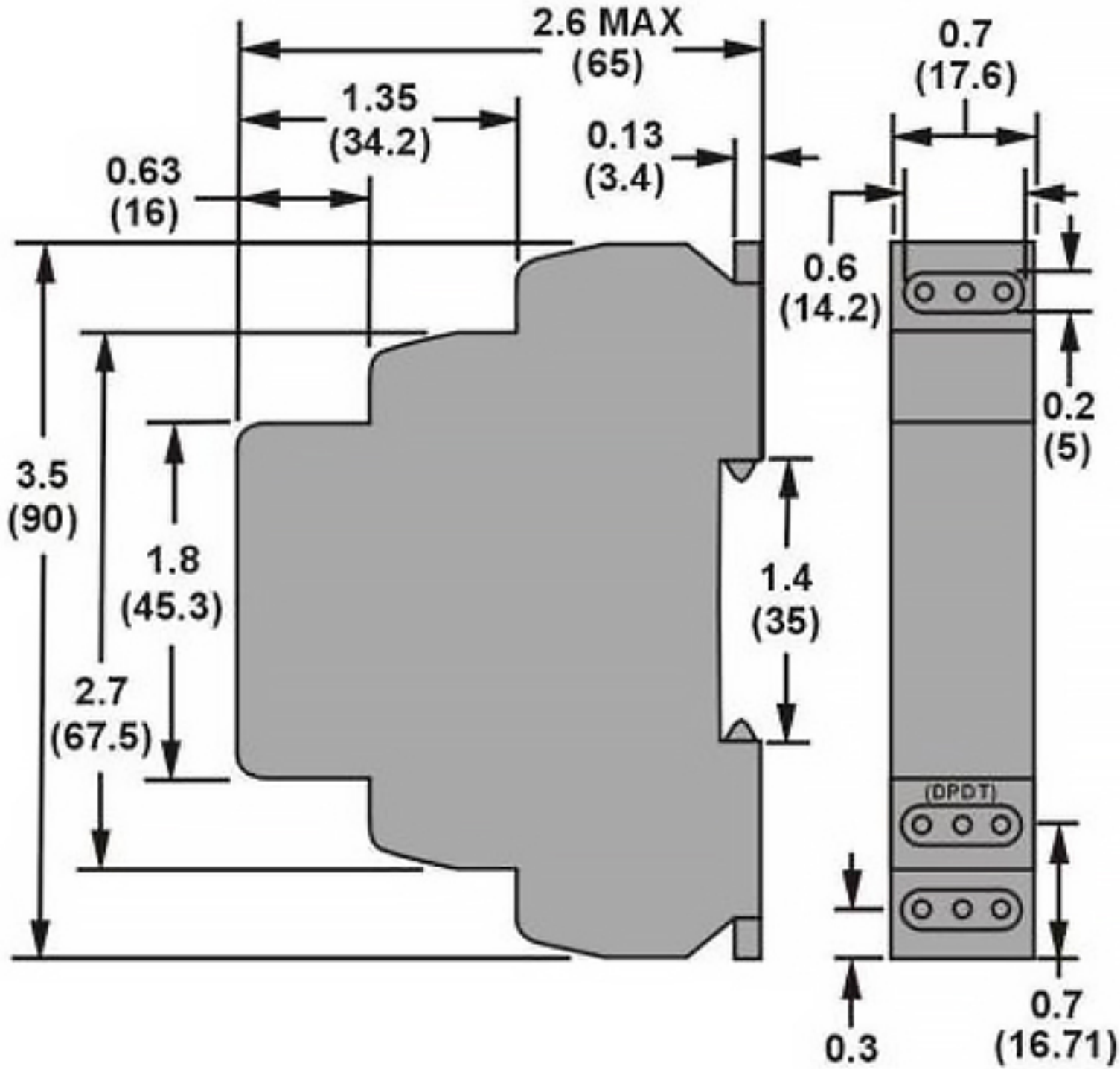
The EKR8-3110 controls closing of a contact when brightness decreases and drops below the selected threshold. It controls opening of a contact when brightness increases and rises above the selected threshold.



EKR8-3110220:Volt AC220V
EKR8-3110110:Volt AC110V



DIMENSIONS INCHES(MILLIMETERS)



WIRING DIAGRAMS

