

PHILIPS

Accessories

SR Connector



Design-in Guide

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Mechanical design-in



SR Connector & Mounting Cap

This design-in guide covers the mechanical mounting and wiring details.

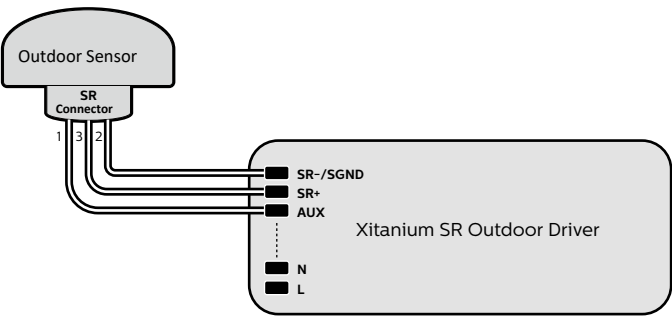
Mounting

The SR connector is a universal socket from Zhaga Book 18. It is manufactured by Tyco Electronics. Please refer the application note supplied by TE [3].

Note: Make sure that the mounting of outdoor sensor via twist and lock mechanism on SR connector does not cause any rotation of both SR connector and outdoor sensor. The mounting torque of the nut of the SR connector is important to be taken care of, please visit TE application note for more details [2].

Wiring

Outdoor sensors are fitted on SR connector via twist and lock mechanism. The SR connector is connected via 3 wires to SR-, SR+ and AUX (+24V) terminals of Xitanium SR outdoor driver.



Wiring of SR Connector

References

1. Zhaga Consortium. 2019. Zhaga Book 18
2. www.te.com/usa-en/product-2213858-1.html
3. www.te.com/usa-en/products/connectors/lighting-connectors/intersection/lumawise-endurance-s.html?tab=pgp-story

Contact details

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