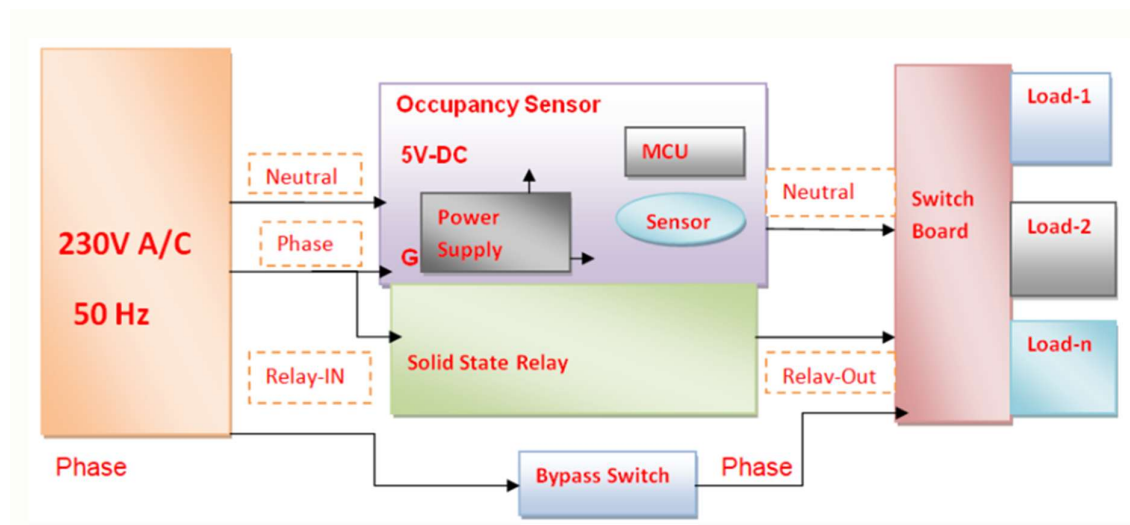


Occupancy /Proximity Sensor – A case study

Energy usage in developing countries is everybody's concern and wherever possible it is required to work towards reducing the consumption of energy in commercial and large buildings. In many of these commercial buildings, occupancy based lighting, as well as, any energy consumption devices could be using proximity/ occupancy sensors while there is no one.

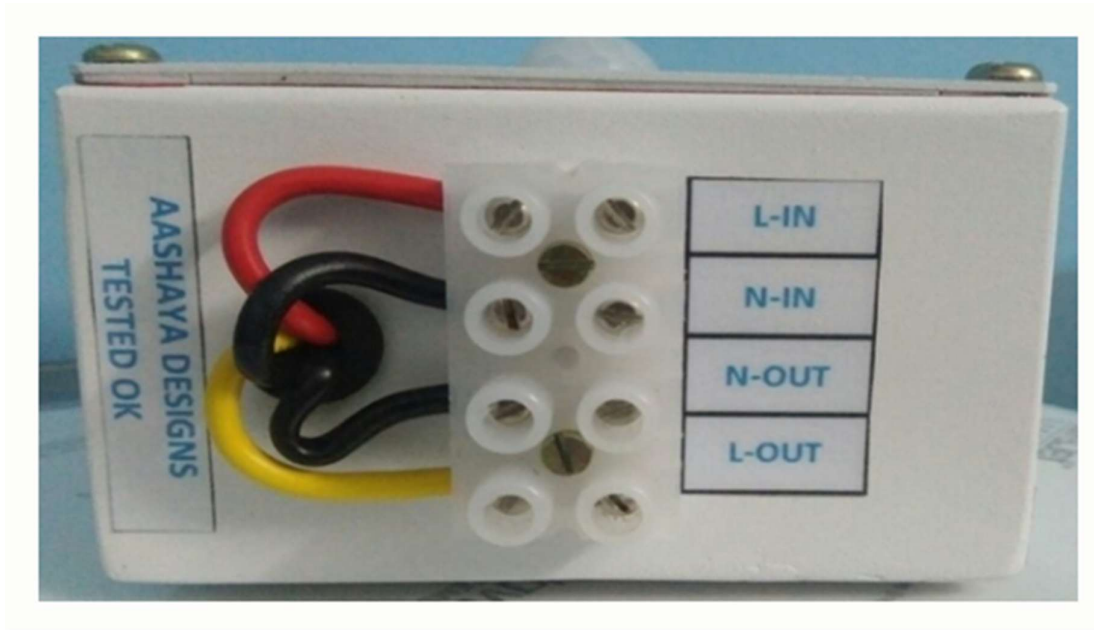
Aashaya Group of companies offers a selection of motion-sensitive lighting control devices for commercial building applications. Keep costs down by preventing wasteful and unnecessary use of energy. With two different mounting styles and an adjustable time delay, these sensors give you control over the lighting of rooms. The installation is simple, and the housing is low-profile. Block diagram is shown below



Block Diagram

It operates with input voltage of 230V, 50Hz and up to 40 degree C. Sensitivity is up to 20 Ft range (total of 40 Ft coverage) with a 110 by 70 degree detection range as shown. The output is a solid state relay which can drive loads up to 10A (multiple lights or fans as needed).

AASHAYA GROUP OF COMPANIES



For any further queries, please contact us at 99010-23235