# Tesla
## Electrical Components

# PRODUCT DATA AND DATA SHEET

**Product Name:**    Infrared Motion Sensor

**Product Code:**    ST05B

**Description:**    The ST05B has good sensitivity detector and integrated circuit. The ST05B has energy saving and practical functions. The ST05B utilises infrared energy from human as control-signal source and can start and load at once when one enters detection field. The ST05B can detect and identify day and night automatically.

**Features:**

- Power Source: 220-240V/AC
- Power Frequency: 50Hz
- Ambient Light: <3-2000LUX (adjustable)
- Time Delay: Min 10sec + 3sec
            Max 7 min + 2min
- Rated Load: Max 1200W to 300W
- Detection Range: 360˚
- Detection Distance: 12m Max (<24˚C)
- Working temperature: -20 to + 40˚C
- Working Humidity: <93%RH
- Power Consumption: approx. 0.5W
- Installation Height: 2.2-4m
- Detection Moving Speed: 0.6-1.5m/s