INTERMATIC

GR_Twilight Switches - 110-230 VAC, 50/60 Hz, 16 A resistive, DIN rail mounting, 1 channel twilight switch - TLS 501A 212

Item 181800131

PRODUCT DESCRIPTION

The TLS twilight switches offer maximum functionality and allow the individual control of the desired situation in residential, office and industrial buildings and on the entire outside area while also providing noticeably more energy efficiency. They precisely control according to light intensity through an external brightness sensor. The TLS family is ideally suited for the use in shop windows, illuminating billboards or street lighting.

FEATURES

- ► Integrated light sensor
- ► 110-230 VAC, 50/60 Hz
- ► Photosensitivity, 2-500 lux
- ► -20 to +50°C (-4 to +122°F)
- ► IP20
- ► DIN Rail Mounting
- ► LED Load indicator
- ► Compact DIN mounted twilight switch

APPLICATIONS

- ► Indoor Sensing Control
- ► Landscape Lighting
- ► Outdoor Lighting Control

TECHNICAL DATA

General	
Model Number	181800131
Description	110-230 VAC, 50/60 Hz, 16 A resistive, DIN rail mounting, 1 channel twilight switch - TLS 501A 212
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited
TARIC HS Code	8541.51.00.00

Control Specifications	
Operation Mode	Daylight Harvesting
Mechanism Type	Electrical

Mechanical Specifications	
Mounting Options	Din Mounted Control with Surface Mounted Sensor

Dimensions	
Product Dimensions (H x W x D) mm	85 x 17.5 x 60 mm
Product Dimensions (H x W x D) in	3.346 x 0.688 x 2.362 in

Material Specifications	
Color	Light Gray
Housing Material	Polycarbonate

Electrical Specifications	

Maximum Power Consumption (VA)	5
Wiring Option	Captive latching screw
Input Voltage Range(s)	110-230 VAC

Packaging

Shipping Weight (kg)	0.454
Shipping Weight (lbs)	1
Product Weight (kg)	0.075
Product Weight (lbs)	0.165
Unit Carton Dimensions (H x W x D) in	1 x 1 x 1 in
Unit Package Quantity	1

Environmental Specifications

Storage Temperature Min (°F)	-4
Storage Temperature Max (°F)	131
Storage Temperature Min (°C)	-20
Storage Temperature Max (°C)	55
Temperature (operation)	-20 - 55 °C / -4 - 131 °F

Standards and Certifications

Other Certifications and Compatibilities	CE
California Proposition 65	None
RoHS Certification	Y

ACCESSORIES

070200062

Light sensor

070200032

Light Sensor, Cap

070200051

Light Sensor, Surface Mount, TLS 501A