

Dialight

LED School Zone Speed Limit Sign 120 VAC and 10-30 VDC Operation



FEATURES / BENEFITS

- ▲ User Programmable from 10 to 35 MPH in 5 MPH Increments
- ▲ 120 VAC or Low Voltage 10 – 30 VDC Operation
- ▲ Easy to install into Existing Singal Enclosure
- ▲ Fits Standard 12' x 12" Housing
- ▲ Long Life
- ▲ Fully Sealed Module
- ▲ Textured Lens for reduced Glare
- ▲ Incandescent Appearance
- ▲ Low Voltage Version Ideal for Solar and Battery Application

APPLICATION

Dialight Programmable LED School Zone Speed Limit Sign

Dialight LED school zone speed limit sign is easily programmed by setting a group of dip switches. The programming dip switched can be accessed by removing the plastic cap on the rear of the sign and selecting the appropriate settings to display the desired speed limit. The LED school zone speed limit sign has been designed to display from 10 to 35, allowing the product to be used in a wide variety of installations. The diagram and chart shown on the back should be used for setting the dip switches to display the desired number.

SPECIFICATIONS

- ▲ 120 VAC and 10-30 VDC products
- ▲ Operating Temperature Range -40°C to +74°C
- ▲ Quick connect terminals with spade / tab adapters
- ▲ RF Immunity 10V/M, 80MHz to 1Ghz
- ▲ Complies with FCC title 47, Subpart B Section 15 for radiated emissions
- ▲ Vibration resistant to Mil-Std-883, Test method 2007
- ▲ Moisture Resistant per MIL-STD-810F, Method 506.4 for rain and blowing rain

ELECTRICAL / OPTICAL

Part Number	Housing size	Symbol Color	Dominant Wavelength (nm)	Voltage	Typical Wattage at 25°C	Typical Luminance (cd/m ²)
430-7773-001XS	12" X 12"	Portland Orange	605	120 VAC	7	1400
430-7773-005XS				12 VDC		

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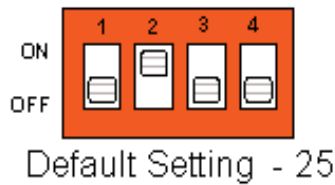
MDTSSZSX001_A



SWITCH SETTINGS

Use the following procedure when setting up the display:

1. Remove power from the unit
2. Remove cap on rear covering the access to the dip switches (do not discard)
3. Select the desired dip switch setting
4. Replace the cap to cover the dip switch access
5. Apply the appropriate power to the module and confirm the correct display



Switch Setting			
Display	Switch # 2	Switch # 3	Switch # 4
10	OFF	ON	ON
15	OFF	ON	OFF
20	ON	OFF	ON
25	ON	OFF	OFF
30	ON	ON	ON
35	ON	ON	OFF
Switch # 1 is Non-Functional			