TL40 - SERIES / SIGNAL TOWER LIGHT



TECHNICAL SPECIFICATION

CE

| Power Supply | | 100-240 VAC 50/60 Hz |
|----------------------|-------------------------|---------------------------------|
| | | 24 VDC ± 15% |
| Power Consumption | | 0.8 VA/Light |
| Color of LED Unit | | Red, Yellow, Green, Blue, White |
| | Continue | |
| Status Pattern | Flashina | 50 Time/Minute |
| (Setting) | and Buzzer | 115 Time/Minute |
| | | 517 Time/Minute |
| Buzzer | | 90 dB Max (at 1M.) |
| Lamp Life | | 100,000 Hr. |
| Communication | Protocol | MODBUS RTU |
| | Baud Rate | 4800, 9600, 19200, 38400 |
| | Parity | None |
| | Stop Bit | 1 |
| | Data Bit | 8 |
| | Maximum Support Node | 1-15 |
| Ambient Operation | Temperature | -10 °Cto 60 °C |
| | Humidity | 85% RH Non-Condensing |
| Ambient Storage | Temperature | -20 °Cto 80 °C |
| | Humidity | 85% RH Non-Condensing |
| Protection Degree | | IP 54 |
| Installation | | Bracket & Pole |
| Material | Tower | ABS-V0 |
| | Bracket | ABS-V0 |
| | Pole | Aluminium |
| Size | | 40 mm. |
| Weight | | 185 g. |

DESCRIPTION

- Device show the operation status of machine.
- · Compact size 40 mm, there are AC and DC.
- Can show status maximum 5 step 5 colors Red, Yellow, Green Blue, White.
- Buzzer Alarm at 90 dB Max(at 1M).
- Push/Pull Connection can use both NPN/PNP, Open Collector.
- RS-485 MODBUS RTU Protocol Communication (Model TL40-20M and TL40-2BM).
- Anti-stain material Protection IP54.
- Clear vision 360 ° degree.
- · Easy to separate part.

OPERATION

When we install and wiring circuit follow wiring diagram and

when Switch command ON by color position TL40 lamp of that

position will on as required function to alarm the staff know about

the machine status such as

Green means Machine is operating. Yellow means Notice staff to check machine. Red means Machine stop operation or other.

And Buzzer alarm in case the staff stay far from machine

at 90 dB Max (at 1M) or send alarm data via computer by RS-485.

Signal Tower Light assemble





Flash Pattern setting display



WIRING DIAGRAM

Wiring Example [Contact switch]

[Continuous Lighting, Flashing]

[Continuous Lighting]

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Wiring Example [NPN/PNP Transistor drive]

[Continuous Lighting]





Power Supply

24 VDC ± 15%

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Fuse

[Continuous Lighting, Flashing]



Primus User Manual



CAUTION Only apply voltage to the Power Supply Wire.

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Unit : mm.





P3B3

POB4

P2B1 P1B1 P2B2 P1B2

Accessories Dimension







15



RS-485 Communication







| Power Supply & Option | | |
|-----------------------|------------------------------------------------------------------------|--|
| 100 | 24 VDC ±15% (Status Pattern Continuous) | |
| 200 | 24 VDC ±15% (Status Pattern Continuous/ Flashing) | |
| 300 | 100-240 VAC (Status Pattern Continuous/ Flashing) | |
| 1B0 | 24 VDC ±15% (Status Pattern Continuous) + Buzzer | |
| 2B0 | 24 VDC ±15% (Status Pattern Continuous/ Flashing) + Buzzer | |
| 3B0 | 100-240 VAC (Status Pattern Continuous/ Flashing) + Buzzer | |
| 20M | 24 VDC ±15% (Status Pattern Continuous/ Flashing) + RS-485 | |
| 2BM | 24 VDC ±15% (Status Pattern Continuous/ Flashing) + Buzzer + RS-485 | |

Order Example



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