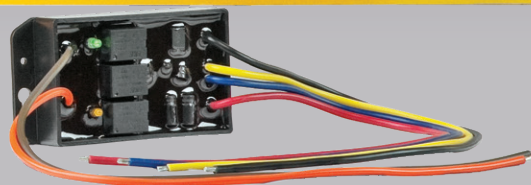




SCHOO





OL BUS



Warning Lamps

Bus Warning Light Kits 110

Headlights On Units 113

Headlight Flasher 114

Warning Lamps

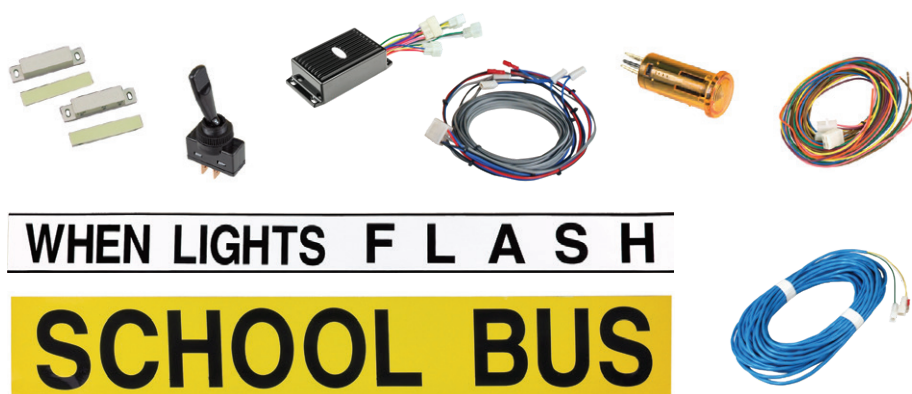


SCHOOL BUS



- Designed and manufactured in Australia.
- Certified to comply with state transport operation regulations.
- Automatically activates when door opens and continues for 20-30 seconds after doors have closed.
- Microprocessor controlled with up to 4 outputs.
- 12V and 24V versions available.

Approvals : Complies to state transport regulations
Warning Light Halogen Bulb : 35W Bi-pin
Lens : Polycarbonate



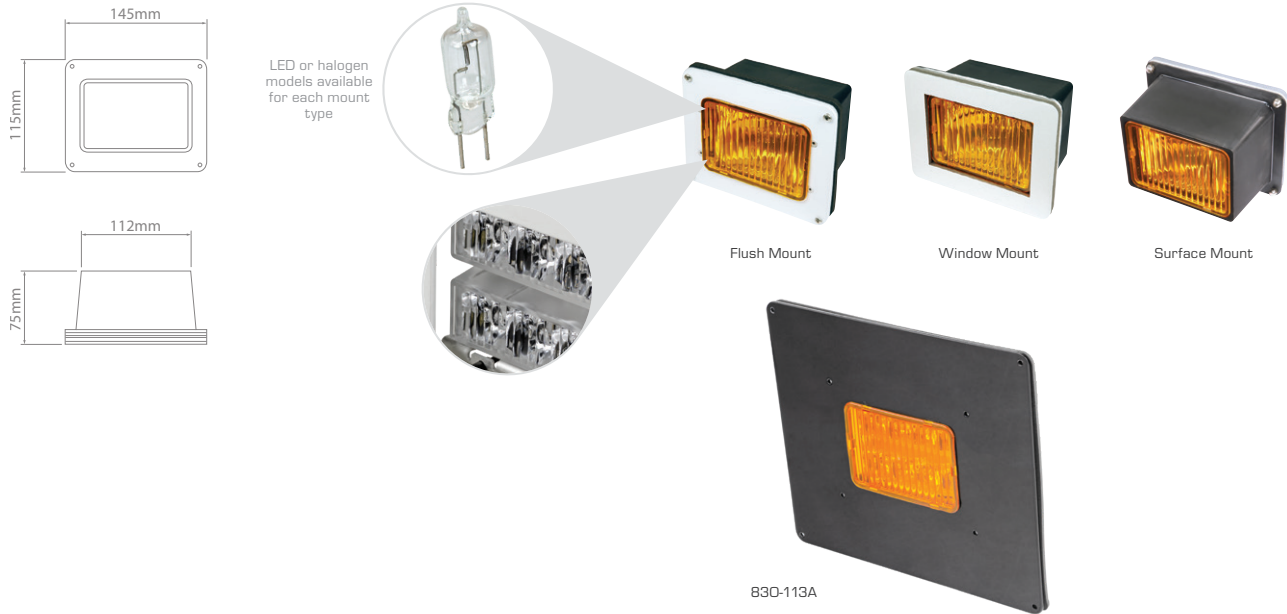
Bus Warning Light Kit – NSW

Part No.	Voltage
882-922/NLI	12
882-922-24/NLI	24

Recommended for NSW bus installs.
 For current state regulations visit www.rms.nsw.gov.au

Kits Contain :
 1 x Toggle Switch
 1 x Headlight Harness
 1 x Pilot Lamp
 1 x Solid State Flasher Unit
 1 x Magnetic Reed switch for door sensor
 1 x Switch Harness
 1 x Lamp Harness 20m
 1 x Decal – "40km/h" – 440 x 440mm
 1 x Decal – "WHEN LIGHTS FLASH" 900 x 80mm
 1 x Decal – "SCHOOL BUS" – 900 x 150mm

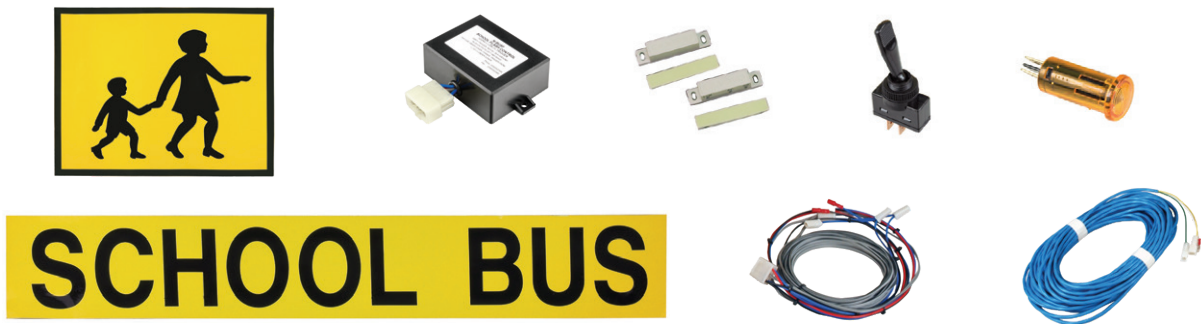
Warning Lamps



Bus Warning Lights

Halogen	LED NEW	Voltage	Mount	State
823-001A	830-100A	12	Flush	All excluding NSW
823-002A	830-101A	24	Flush	All excluding NSW
823-003A	830-102A	12	Surface	All excluding NSW
823-004A	830-103A	24	Surface	All excluding NSW
—	830-113A	24	Surface	NSW
823-005A	830-104A	12	Window	All excluding NSW
823-006A	830-105A	24	Window	All excluding NSW

For your current regulatory requirements visit your state's road regulation website.



Bus Warning Light Kit – QLD & VIC

Part No.	Voltage
882-923	12
882-923-24	24

Recommended for Queensland & Victorian bus installs.
For current state regulations visit www.tmr.qld.gov.au or www.vicroads.vic.gov.au

Kits Contain :

- 1 x Toggle Switch
- 1 x Pilot Lamp
- 1 x Solid State Flasher Unit
- 1 x Magnetic Reed switch for door sensor
- 1 x Switch Harness
- 1 x 20m Lamp Harness
- 1 x Decal – "Children Walking" – 400 x 305mm
- 1 x Decal – "SCHOOL BUS" – 900 x 150mm



Warning Lamps



430-003



TB403E



62026BL, 62030BL



882-002



886-012, 886-013



882-902



882-906



882-909



882-911



882-913



882-914



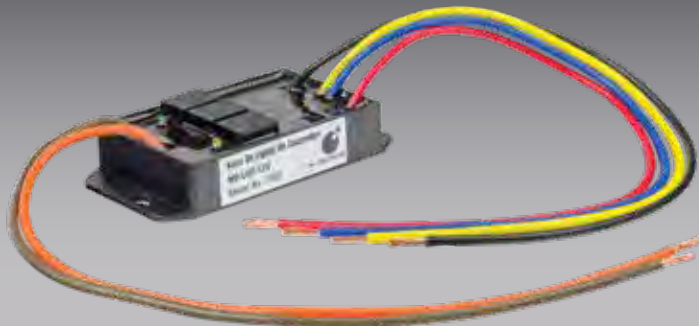
899-911, 899-912

Bus Warning Light Kit Spare Parts

Part No.	Description	State
430-003	Rectangular Light Gasket	QLD, VIC, SA
TB403E	Toggle Switch	All
62026BL	Pilot Lamp – 12V	All
62030BL	Pilot Lamp – 24V	All
882-002	Flasher Unit – 12-24V	QLD, VIC, SA
886-012	Flasher Unit – 12V	NSW
886-013	Flasher Unit – 24V	NSW
882-902	Switch Harness	All
882-906	Magnetic Reed Switch	All
882-909	Decal – “Children Walking” – 400 x 305mm	QLD, VIC
882-911	Decal – “40km/h” – 440 x 440mm	NSW
882-913	Decal – “WHEN LIGHTS FLASH” – 900 x 80mm	NSW
882-914	Decal – “SCHOOL BUS” – 900 x 150mm	All
899-911	12V 35W Halogen Bi-pin Bulb	QLD, VIC, SA
899-912	24V 35W Halogen Bi-pin Bulb	QLD, VIC, SA

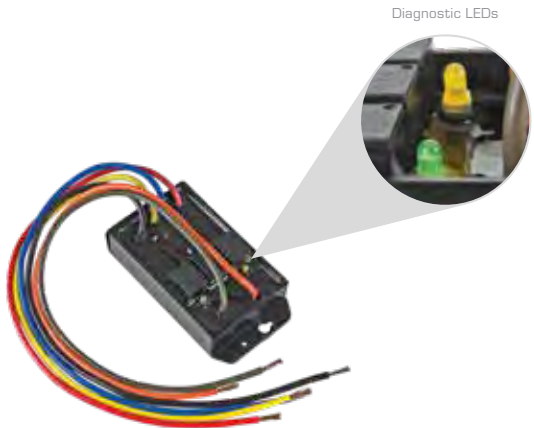
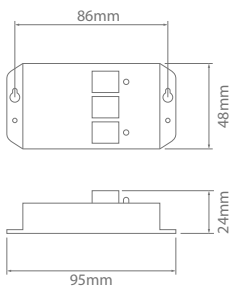
For your current regulatory requirements visit your state's road regulation website.

- Can be adapted to any vehicle.
- Designed to operate park & low beam lights any time vehicle ignition is on.
- Can be wired to disable control unit eg. hand brake switch, door switch.
- 10 second start up delay.
- Compact, easy installation.
- Diagnostic LEDs.
- Available in positively and negatively switching models.
- Epoxy encapsulated for enhanced moisture and vibration protection.
- 2 year warranty.



Voltage : 12V
Body : ABS
Cable Length : 200mm
Operating Temp : 0°C to 85°C

2Yrs



Headlights On Units

Part No.	Suits
MS-LOR-12V	Negatively switched headlights
MS-LOP-12V	Positively switched headlights

Installation on late model multiplexed vehicles must be performed by a qualified technician.



Warning Lamps

Headlight Flasher

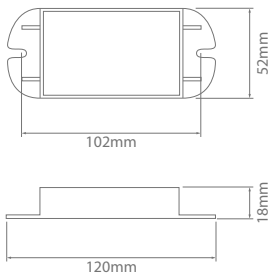


12V
24V

IP67

- Hermetically sealed construction.
- Solid state electronics.
- Low voltage/reverse polarity protection.
- Microprocessor control.
- Environmentally sealed – IP67.
- Highly durable to withstand harsh conditions.
- High beam override – Flashing stops when high beam engaged.
- 7 flash patterns.

Operational Voltage : 12–24V
Outputs : 2
Flash Patterns : 7
Max. Output : 9.5A
Switching : Positive
Ingress Protection : IP67
Housing : ABS



Selectable Flash Patterns

Pattern	Description	Flashes Per Second
1	Slow Alternating	1.9
2	Fast Alternating	3.0
3	Fast Simultaneous	3.6
4	Cycling	1.9 to 3.0
5	Fast Double Flash	3.0
6	Cycling through 3 double alternating and 2 simultaneous	1.9 to 3.0
7	Slow Alternating	0.9

Headlight Flasher

Part No.
S52000